SEX HORMONES: DISCOVERING

AND HARNESSING NEW POWERS IN THE HUMAN BRAIN P.62



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The encetth's cover a painting by Stannhair Fernandes is spinballs representation of the coggine process Patter from the index—annuory repol—a blackshored by the powers of harmon covercourses also focused strates of energy



FIRST

By Alan B. Shepard, Jr

•We have not lost our interest in space, but it is no longer a crusade. Bather, it has become a mature technology that must earn its way.⁹ a) the same program karry the insight of a simulation of the same same same same same demonstrate same same same same same demonstrate same same same same same demonstrate same same demonstrate same same same demonstrate same demonst

All the we'r gwrth portawl with thie digwy Barth of portae. Consent Thysiae pairs Barth of 1 and 1 the portae of the set to provide the set of the set of the set to provide the set of the set to provide the set of the set below the set of the set of the set below the set of the set of the set below the set of the set of the set the consent below the set of the set the consent below the set of th

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And this is the cases to scatter roday we have not sold induced in space, but is a nobigger and sold in a millure technology that peaks to way, by instrument form deprese of the memory and weather reparts. No only to the sold of the sold in the parts the only to the sold of the observe company.

Several Torge convince me Tail Pris is not the whole clory, however, Enfoursam to space today is not lead or even cateloan a menty devids some new development, gamaps a major event, to focus on.

Cone balor involunce is a mayore it assents (Hostal days that made a eventiment is distingtion) by the likes of Ponzor and Madomes. Host Hogen, and Mr. T. (Init-foldy wood'th side version of The Apply State managed to sales the micewir houses for weeks. Classify the passe programs and days entiting pool Box officer matter at

Another is Space-Week to: In rank as open, the mailed Back-Week and the another that growth to include models in elsere have all points in the second second and and another include content, and and another include content, and another include and in manuel possibility More than a quarter inflices space entrugy, and were reliable and in manuel possibility.

Again, with rencouragonator from the White House, observed Jack Anderson has electronical the heigh Astowahi Council. Its graft to reproit the cash of boys and grain between this again of a card colleven to history may an approach by nearly a date. In graft any portunities the nearly a date.

Buch programs non-resulted laccauses, which many special billion and/microscope specification phonescene protect anxieteness and anxiety and programs, and Andread or the additional with trappersi. In this or 20 years trapped enterprises with branch to carry percent and specifications on the trapped without trapped with any too to history to any percent and the specification of the trapped specific trapped specifications on the trapped specific trapped specifications on the trapped specific and the specification of the specification and the specification of the specification percentage (Marca and Employment and the specific specification of the specification of the specific specification of the specification and the the specification

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Additional Junit & Shoppert, Jr. (1999) 56(4) Benchmir Johnson () Find rough on Egyptic and the Instance Avenue () Find rough on Fisch Arabicate Island, Avenue () Almost init Hist A. Advanced Shaperson () Island History, and Justiers rough on Arabiphonetic of History History, and advance received and attractional fischer History, a particular of the advanced on the History, and advance to be advanced to be advanced and the second advance of the advanced on the History, a particular for approximate precision the conductive the Mit.











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competitive scientist and a main of stanic intergy. Stein opines, ' and he may one tay earth a second Nobel prize, one he doesn't have to shere with anyone.

While exercise the Distance renging the other structures are been as the structure of the parameters in the terre constructures of a structure parameters in the Distance is the Structure work of Distance parameters and the structure of Distance and the Structure Distance and Distance Distanc

Finally in addition to supporting the surread work of the Line month's Come bisers's some functions from the nuclein of botton as well in The Excloration and the support (Alworth (page 46) on occursary workers , logical by the subcombing out in a read in Problem County because The Kite Main in Reader County because The Kite Main (hogo bit) and working substant arrives in a small how to offer the chalans much more than its basekind verses CO

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He cave it is supprimmentably research is departmentably and sectored provide that an environmentable and sectored provide bits around the work was superimptivity is break the departmentable of the sectored provide Bears in grapp. 36% wellers Alexin Reduction Bears in grapp. 36% wellers Alexin Reduction Common Bits and Provide Bitery and common Bits and Provide Bitery and common Bits and Provide Bitery and and the sectored That Department and an ecologies and begins American with the common Bit and the sectored and an eliast and comparison of the sectored bits and and the sectored That Department and the common Bits and the sectored bits and the common Bits and the sectored bits and the sectored bits The sectored bits and these foregoing the The sectored bits and the sect

That work, based on experimental lechniques from bioteedback and computenced biomachanical analysis to vectoral stimulation is drastically changing the why affectes an partical. "There is a prove dialial bits address mentioning the purphy of sports." Wernsula committee that dechasted affinites are observed by wmming, and these who do not metroso adjust to the sports sociological and the sports sociological file addition with the sports sociological file addition with the sports adjusted to cook strateging the by Watter local for the book strateging the tybe down adjusted to book strateging the Athleta is no base downware."

One of the most sporte models man insemon takey in reusered/controllegat Anchee 65-raily, who believes that if a sharing of the performance being the take sharing of the performance being. They the end of the performance of the takes mail encouncepage Regis Guidemin were combativities in a battler control to the mail control on control to the takes report of the models and the takes and the patiality, the service dark find influenced outly thing toom issual balances which takes and the takes and the Model or who the takes and the Model of the sharing takes the takes and takes and the Model or who the takes and the Model of the Model of the Model of the sharing takes the takes and the Model of the

In the month is intervene (page E2), regular combined Doughes Share aska Schwing to descare the week's of memory the energies wheth of memory and expanding car liverwings of the governal the energies without hard on Schwing expanding car liverwings of the governal the sales records the memory aspection provide and biotect carbotics, and be loped contrapoption. Schwing as week and be loped contrapoption. Schwing as week and be loped

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where is a start for a balance of the server to be the start of the server of the server has a server of the server of the server has a server of the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server and the server of the server of the server of the server of the server and the server of the s

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COMMUNIC/ATIONS

Gander Defender

Isain source with the moral dilemma pooed by Carol Johnmann at the beginning of her anticle "Sea and Mosatky" (Mind. May 1965) "Do you think a man should titled an expensive drug to save the dying whili the her stop poor to be jet for 17²

Why is the eventien if and the main performing the actor? The perdets are almost always portrayed this way. Women are departed as vulnerable, and men as dynamic, The opposite forwardader, in which the husband is dying and the wele considers the?: workid probably be seen as an anomaly.

Unit accerty examines all the SUB4e conditioning with which were combanded secual equality will never be achieved Remy Chestophile Genes, CA

Super Boya

Ladmine Ben Bovas essay 'Science and Science Fiction (Centinuum April 1965) Boxe put science fiction ritio parapilictivi, showing how it can have a positive influence on science fault

Science liction shows that win have the intelectual capability of someday understanding the cosmos provided we meinten our fieth and interest in clong so lan M. Migglis

Plymouth MN

Ear Bubbles

We greatly appreciate the publicity Onrogave to the Innovative Hearing Corporations provident hearing and [Fair Bubbles, Centraum, May 1965] tak we wish to daily the Informing. The suggested rotal price of our product is \$135 and it is smallelide in San Francesco and San Jae

Ern Bentey Markeorg Manaper Innovative Hearing Corporation San Prenosco

Moxicans and Aliens

Absorbing the relation of Cever magazine and as a Cincaria: I despity reset the analogy made between Nexcens and length alterns of the Theorem Cincaria Alterns Alterns of the Theorem Cincaria Anti-1980; A publication that deels with selance and the works in mystemic can berry public company Mexicoria with deels from Store Company Mexicoria with alterns from Store

People who come to the United Balance to look for ware to loake politikaria andruzen anoudri not ba signing accord as alterns. Leaf we forget, our brownking fahrens came to Amenica for exectly the same reasons and age today recognised as hereins. The people term for a nonstatem who works wellicula a permit is undocumented works Mechanik A. Constatem Michan K. Constatem

Space Support

Together Tagging many with aduck Advictions, pres for vacabased space explorition funding [Free West Amil 1965] but his together and the space of the space of the press of the space of the space of the space of tagging of the space research "We could their acted an influence with the could their acted an influence with the could their acted and the space research" We could all the could and the space research "We could all the space of the space research" We could all the space research "We could all the space research" we could all the space research "We could all the space research "We

Rocky Nountain House Alta

Hezardous Wester

In the article "Ceramo Beer" (Breaktrought, Jonuary 1945) writer Bil Lawan regised that landfill constable by the BKK Corporation, in West Covina, California tes accepted radioactive wisteau for discosal

The facility is locensed to accept hazardous were, but it is not locensel to acceptrar has it accepted—accepted—acceptedaccepted—accepted—acceptive worke for indexective weilde in the excense groundwater monitoring data available at the site

Ponald R. Gastelum General Counsel BKK Corporation Tomance, GADO DIALOGUE

FORUM

Onne well-centre specialized by theores, commonlayed select and generations from medicer in the open learnin We make you to use this control of the temperature about the failure and its control temperature about any openantias temperature for each and the control states automatiances and their the openance expressed here and not noncessary Users of the explanation

Herpes Update

In March 1997 Drow described my research on he use of adenosine monophiciphate (AMP) as a publicitial care for herpes yous (Horpes Care, Scheman), AMP which hes been assumed to physicipate for 35 years, as instantily accurring cellular metabolitie, and in hes shown ino sale effects of textish). The following is an update on Pair research.

Con Marcia III Held II to Journal of Ne American Monca Alacopation published our report on a double bird faile invelving 30 beforts suffering to main trigla. Dimplate additional suffering and the suffering and difficient suffering to the suffering and difficient suffering and the format suffering and produces of there to main of helpes is and to characterise and suffering and and produces of there to main of helpes when an unbird body during a case of helder to and the domark in noise out gengroup to docated it music out any suffering and the suffering in the second any suffering and suffering and suffering and suffering and any suffering and suffering and suffering and suffering and suffering any suffering and suffering and suffering and suffering and suffering any suffering and suffering and suffering and suffering and suffering any suffering and suffering and suffering and suffering and suffering any suffering and suffering and suffering and suffering and suffering any suffering and suffering a

In our shudy we gave 17 patients AMP injections trive trains a week for loss weeks the remaining ifs patients nocewed a pacetor by the end of the loss-week period, 89 percent of the AMP freetow patients found that the tablets had healed and panhad standard, compared with only 43 percent of the patients aven indicates

Those AMP bettens who still had pain continued with hearings and were free of pain and biases when three weeks is addition of insteam placebox patients were also given AMP repeations. They tao mooved in these weeks in the years after the study restead, we contracted of 10 fourpatients, not one had head a recommon of learner of these results supported out easter study (described in The Drifteh Journel of Dermatology March 1981) on 130 herpes zoster patients, none of whom have reported reput rig part

Bernie clocites have expressed concern about adenosme a by product of AMP, which they control may be incore to only the body's ted tood calls inverver readly remove and deternly large amounts of adenosme house that this demonatives AMP is server.

Trom our work, we conclude that AMP inscription paramotic tassor heating and prevent part which can persent for years it for antivation. Early nearwork derivative related eye indection will a wowlint section go it the operates is oprofiliate that can result in impaired years.

Dur continuing observations with genital tempers and odd asses indicate that we are able to suppress non-unconservativities time intectoms—if they are seased early Dece blacks reepport listency has been calabilished, and listatives that before any diffuoli. The best we can ofter them is been of the seased.

8. Harvey Siler, M.D., MSPH Englewood Pospital Englewood NJ

The World's Hardest LQ Test Lakebys thought final one of the aspects of intelligence was repeating of thought. If no Why do you give readers an entre month to complete the Onivs-Heggi LQ Set [Games, April 1965]? Warnet Massocrited

Burington Ont

Thank you for disililationing me about the infoligentail. I used to be quite impressed by high-1Q, organizations but no longer.

The Worlds Hardest I Q. Test, was cholonging, entertaining, and interesting But Ps a disappointment if it is as you claim the toughest yet devised.

I'm not a genus by any means, but even twee able to answer nearly every item consetly. The qualitative and the documented in conventional sources, so anyone capable of using reference material corres of tooking acoud When one considers that the Mega Society—which is immaid to one parson in a million—has only 28 internibers, one might considue that 60 percent of the very noelgent people in the United Sales have better things to do than yon mutual back-

Frank Glansko Yucca Valley CA

The clamas column is my favorite plat of Omv, and i spent quite a bit of time on the Onvo-MegaTO. Test I cloth? really care about my TO, score—I look the q02 for fun

Tobject to calling the gate an LQ test because the Tolari answer is in many calos a pagement of values and not of intelligence Suppose my prevent to a particular gates and many the answer is best and explans a why many that answer is best and explans a why many that answer is best and explans a why many that answer is point but the Lifecupt differently and i stop are own easons

In other words. I like problems to which the answers and powerfolds, even if it means weithing for the next search

Malcolm Cogswell Howerk Que

Reveal from the sufferer of the Const-Mega Teal mappedies in page to MF Alexensite's feature to an other than a page to MF Alexensite's feature to an other than a page to MF Alexensite's an other and the Alexensite of the Alexensite Alexensite from the Beddhearn of Intelligence. A three persons the Beddhearn of Intelligence. A devide mandfile or presents to a packade whether packates the to an treas or as a packade whether packates the to an treas or as a packade whether packates the to an treas or as a packade whether packates the to an treas or as a packade whether packates the to an treas or as a packade of packade packates that to be reported of packade packates.

Mr. Garsen are you sure your answers are connect? Of the linal 3,000 Omer readless who attempted the test freew then 11 percent solved more than half the probleme cosmody, and even the teghest aconor missed free problems

As for Mr Copywell's open heat the quiz is really a massee of sakes, the Ormi-Migar Test took several years of research to develop and is used for admensor purposes by there of the too high 10 societies. For this reason, I have no plant or reveal the applies to 0 **RADIATION PILL**

EARTH

By Sherry Baker

To hot and humal and as you shretch out by the pool, youne only vagualy avaire of the radio doming its markes of cleagy peter and rock. The noon news meritore a small the na succient measure of analas avery but when the reactors RR guy is inferneewed, his team. "Dan't water, no cleare for alarm."

They kee Dough the cataboth has drivered. Month with an exercisi through the thin Ladreg I Sovietario, the ratio beyond the second the exercision of the second the second the energy through the second the part of the second the second the exercision of the second the second the second the second the energy through the second the

This far from the seactor, there are no

evocuation plans. The streets are parried with cars. Although raidoact we odd ne a major cause of Blyroid cancer and other symptoms of raidation sciences is already on its way, it's imposition to liable

Your choices are limited. If you do nothing, you run the risk of advertuping carcer You illocid at least all advertuping carcer You illocid at least and y mote and cover your tace with a cloth mask. The based determs a machaetive indine your body reliance in Bit there is a problem. No government agencies or pharmaces even slock the drug known is potalisation of de or YO.

There's nothing mysterious about KJ, accosing to Princeten Litwamby physical Park von Hopol, who has estudied the chug for a decade. Hermices KI emply binds to side in the thysical proventing it hom blend up the State Crebacking.

Moreover, he adds, a number of snaps and real-snaps indefent have emphasized the importance of distributing Ki around the world. On March 4. 1054, for instance the United States toaked a large inschart bomb, spewing halout over the populated weatern Pache and/of Nargelap. Desided studies over the 20-year period talawing the septemic travest that inself very-took opported to the instructure that teen openeted on for thyreid problems. And it the nuclear macbin at These this leard the orbuity method down in 1978, Vion Higps widds, Insuarem mmr periodi- would have developed thyroid problems as well But in 1979 three work to have developed thyroid problems as well.

BUI in 1978 there were no large currence of 19 in telecity anywhere. And toping the stuation is wrbailly the same. Only a low states including Alabama Termessee, and wernore, have movies to alabaptie Ki And tederal officials have managed to shat the ideal officials have managed to shat the ideal officials have managed to shat

In response to it studies by Von Happel and others, for instance, the Nuclear Regulatory Commission claimed hall evacuation was more attactive than the drug, whole side effects include two methos and weather mouse membranes.

These plane were where in the reposed by scientist. Plane and tasking areas come ported out, might make execusion impossible. And another group, including repocertains or the Flood and Drug Adminitration (FDA), declared that benefits of the drug posterior outerach the nisk.

To qualit this postess in text, the FDA moved to make K1 a nonprescription drug that would be quackly analisate in case of emogency But the companies approved to maker K1-R-Boarner Laboratorial Carter/Wallace, and Arctiso-were asked to refrain from selling 4 (18 companies datain the chig an there own "the FDA optialing.

The only one to take a positive step it evens, here been Alan Morre, presider us we Velo-based Arbox. Papoling the FGMI request, Morre has begun to market to in gell form under the rame IOSAT Poople nave a hard three belowing the potessum order works, Morres seyst, Toul, if a nuclear accident does happen, weryone wil werk 16, and here works to concud-

Their too bad, Jan Beyes, sensor measure to exemption at the Neboral Audubon Society, says that "without the drug's projection fifty person of the reported projection might well safet from thyoid cancer. With potestrum adds, we could track their down to cry's two particited to that the set of the



Nuclear plants: During mellalown, is simple drug can held all radiation 20 DMH





By Alcests Oberg

hen Prankin Chung, Amanda s finst Hapano altorinati, jondo al the motessary modelai lassa, worked do ta do-nov weeks, and pajakin made the speeding orgagements NASA set ut for him White in harves, towever, do the harly put his face down intervision body autotion of the contract to dirk the instant caffee speed on the hulf put

Twise born in Costa Rics," explained the naturalized American. "There, it's like committing a sin to drink instant optiles."

Charg, a physical decided to do something about the shuffed syste. He inverted the test kitchen appliance for apuso a zero gearly percolator NASA worh delease information on how the percolator works until thi patented, but the pacea approx does hope to send this genro along on huure shuffel lights.

The probleme of eating and dwining in space aren't limited to bad online. Propertie in advance of the garrays shuffer mesh to be boning. Part of the reason for this Making meals from scratch in zero g is need to incompilate.

There a words-class code would be at a loss Bohto and pao over objection of convoctor oursets, which are absent in pace MASH has deviad a special convoctor over occupped with lane their derivation the elementy Ball because of the dhutdes power reations, the oversityphent entry in 90%—bolow for coding food 11 bales up to in hour just to heat a read in the overt

The common cooling methods aren't acceptable in piece, ether The of usad in softying would keep the meet and vegetable sloce in the wek, but guickly saming the pieces would send them flying Rame booling and bit because a wuld send them flying Rame booling and bit because a sustained larms carl Burnt in a space case's whot creating a shared in the space sustained terms carl burnt in a

Furthermore, foods behave differently in zero g. Breads may not new Paincakes won't stock to a griddle. And fat will congoe on the outside of meet rather than dropping after a pin.

The terms we call the staples of itefour experited—ere nuscences because of their consistency No sconer would their containers be opened than the particles would and up in the astronauts' eyes, ears and notes, as well as in equipment

For satisfy maxims, clutifiants injustry the sat and papper sent on the shulle Such contements as mustand, mayornawa, wild catalog occession small packets. Why not alore seasonings in large tubes? The shape is not acceptibile, "ways Real Riago the astronauth" chet. "It remands everybody of toothostle."

Clearing up also presents a chollenge Drips, solis, crumbs and retuse tixat freely. One consolistion: Liquide land to stock together in glabules like liquid microury so you can capture a spill with a containor instead of mooping if up.

Aready, astronisati have begun to be heringenuty when properting mosts in the shuffler. During brief periods of weighteen reas on the KC 135 access, astronists tood with the dilemme of making sandworkers in zero gisoliket ib youkding he sandworkers in zero gisoliket ib youkding he sandworkers in zero gisoliket ib youkding

"You have to hold at least one proce of bread in your mouth as you smear on the mustand," says astronaut Rhea Section New comes a lower of bologne, followed



by a sice of cheese

Casing chiefs will need to pame up with new utersite and new techniques if they are to cook in apace in some cases they may use less tambit methods to propare toto aboard the shuffle in tantoon cooking for example, meet and wephtablic an placet on a shewn and cooked by contrained useful them.

Some equipment will simply take on now dutes For instance a calibrated sympo becomes a measuring cup. An electric control system of the second system automate for a blander and Durch oven lingedicets can be blanded and then costertimit without forcing out as they would thomat orchany takitien coll.

Once chets here the proper equipment they strautic be sole to white up ald favordes Hores. How a future recipe for spisce cake might read

Epugement needed, centriluge with attachments and fid, convection over, prosture driven flour consider with rozzle, louid ingredients in calibrated symples, other ingradients in block

Atlach blending hooks milde centrifuge Close tid and start centrifuge. Keep open small hole in tid to add ingredients

Common the fact gound buffer with eith either hand the case way and a two tablespoon at a true, comming throughly, with epit and one has have been executed with and one has have been executed. Add fore have been been and the second based way well. Through a space in containing way well through a space in containing the second based on the space of the second heart and at which are equivale tempore heart and at which are equivale tempore way containing because and the bar address to the matches

When well blanded stop centrifuge. Spoon batter (if will not pour) into two lidded nine-inch baking pairs

Baile in 350° convection oven until golden Cool. Decorate with pretinted buttercrisem tracking in tubes

Adjustments: If the cabin pressure is lowered for a specewark, adjust ingredient for high attructe baking. If you want Kentucky bourbon cake, substitute one on of bourbon for mik. DO

JUNGLE JETTERS

EXPLORATIONS

By Peter Tyson

eep in the jungles of Ecuador squating balow them He had ust deckned Americans had known from the beginning For four weeks the Philadelphi

team had slashed trais through arm-thick vnes and slooped through kree-deep range in the Amazon basen

poculations have developed in adultan pagarway of the 1984 depedition have allowed a great many different lands of species to develop in the Andos. We hoped to find evidence of such spreaston

The expedition began in Lograno at small transer town in southeestern Ecoundar have been the sole inhabitants of the Outucu will come and go. The team made several us in What the appendix chard realize a speak for the sungle indee

After henrig local Shuar porters and and scientific gear. The Americana suit of across the primitive swewing bindigs that rigons of mountain training stumbled additional Indian porters were recruited

Despte he-delicates acentific work brent seet before They then photocrapted



(Vesal Resources in Ornthology)

species and packed the bodies carefully in donated to the Smithsonian, 10 specimens

Though primarily ornithological, the worp owen to Ecuador s National Museum of the expedition. The spiders work to Linematy of Karnas Among the 1000 ckm clantified preversi new species

monthers and steel free esugereed. The Americana well armed with shotours the rest of the excestil or

until some thirty years aco. says Peck. under the root of an absendanced hurtero

Dwindling food supplies and mental work. They traveled on little-used trails. they made it out of the Culuou Knowing

As much of an ordeal as it seemed the expedition del not kill the contrologate singedy returned to Equador to collect. material for a book on South American lants was great fun "he laughe, "once "DO

CONTINUUM

CHEMICAL ECSTASIES

In therea's Culparay, Heater of Buy (Red wher oups with meperitive, points and exercised parameters are access definition to have been accessed opure. The mythical reaction are accessed and the matchances the anceord Genetic methodes have a section of which matchances the anceord Genetic methodes have a section of which matchances the anceord Genetic methodes are accessed matchances that anceord Genetic methodes are and matchances that anceord Genetic methods are an exercisely. Many of them instruction of during are instrumed in the methodes built have steal responsible to both these parameters built have steal responsible to both these parameters are an autows of the first possibility.

Prom Homer to Adous Haviey dreams of a brain new works of othersized ecclasses have having hour towardward and maximal cousensed. Haviey's logistral mind-builing "soma is now the hindle water an impossible indeplant to a law pullit of cocares enable countrage with redisplant to a water to a fee pullit of cocares enable water a utility and enables and a fee postholoties. In Humer's doosen (barn, to exemption participation for bolimate reservice) water and an enable and there is postholoties. In Humer's adouse (barn, to exemption participation for bolimate reservice) and a second barn.

The gase has been guided by the dhama and rightmask of approach, been particular and the second second the approach and the second se

The ubgain subcasse would balance optimit postwire effects, such as thereproved, efficacy or polassaw with minimal or nona official. The phermatexical industry sprinds mars that 52 bilion a year to find thereproved image balant with acceptation contractions of advantages and rules. Research with increases and focus may encourter balants of adfrems lived.

Los Argaias boohenet honical submotile, to instanto, was lung to synthesize a peopo pili "by hwaing a ring of cychineane moto jee, when he depowers? PHP as analog of the cervital PCP After swalewing the pili he strepped climbed a pole, and was and os times, tatally by a policentari. Biochemist Alexander Stulign his tehneret drugs to enterioring animalican aniwing childhood effectives underline crashifu or taking a weldeni top The tops: however, are not always pleasant or controllable bicourding a still and how Or a 12

Due dealer guest worken "Bight nativations" promesing half wells RCL is is kausing in your vehich" (during the how-how) you youn, you'll separation happiness, executivy precisive threadow. That should be allowed the lower of the precisive threadow. That should be able exploited the lower of the precisive threadow. Low down reclude they be observed to a well built have a low down recludes they be observed to a should be allowed to be an explored they be observed to a should be allowed to be an explored to they be observed to be allowed to be allowed to be allowed to they be observed to be allowed to be allowed to be allowed to they be observed to be allowed to be allowed to be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to they be allowed to be allowed to be allowed to be allowed to they be allowed to they be allowed to they be allowed to they be allowed to they be allowed to they be allowed to be

TTC can be up hepter emotions and thoughts (Shuph Costobuts the aid dimetholism, whereby omrighty and molecular all antanced. Psychiatrists report XTC monores communications due potents built have cleans manine upprived Desploy even occessorial antaty, depression and have chore your book on the second second second second base. Communication apprint provide second second base. Communication in Chrosopo may also there benefits when a psychiatrist who had taken XTC may also there benefits when a psychiatrist who had taken XTC

The Brug Estisuperent Administration means justice 31 and 31 and

Renaid K. Siegel is a psychopharmacologiet at UCLAs Neuropsychann inentiae and pair properties of Molate Laboratoria.

REAL SECRET OF

Could the Ecolate over mids have been astronomy cal observatories?

a passageway that descende cleagned to point at the

in Fillostart Accord, says sageway had nothing to do with astronomy it was sensive wan-designed to help the Eductions move large

Today, the 377-lock shaft points to a sport 26,52307 That's actually a few degrees Herachel calculated that in 2900 a.c. when the meaning was half, the passage would have pointed at Thuben SDRCLARON HOOLE I'VE RETRO-

Receipulating the earth's wolchie with modern meth that Thuban was not visible to 2000 and his second car prised He says the ancient

rase in the sky below the cities from 1.500 years after

blacks could be slid easily cowrited to see the pharach's

Sponblity is suit a big article

-Jack Kercure

DOWS FOR

Luxurious oceanitrant condomin when in cierts of writicws-ID save the lives

sell turdes swim ashkire

the water and sweet out to son At least that was the way if used to work, before man and kine many of them to

"Hatching turties are altracted to kohi, not water." ing landmass "

There are few pretire or over Baby turtion now workt, where the prophest

Fionda countes have agreed to take measures to protect the monthal batters projection beach to place thom. We ward to prevent their extrap-

come to the expense of rights, too '--Robert Deckert



OLD NOSES

Borne scientess calen that the human nose can shift out more than 5,000 deamotore is obte an ability of which the multiplian datar tingnance industry is very much aware. But of all the intra heast understood

A measure effort to correct that afterforceming was contained in a recarrily released report that took negative af the University of Perneyvernals Christer and the second second Mass and Center According Mass and Center According to Perford Doy is desclor. Interventing Made

Researchers acuta 1 (B): 15 DJ, adding of blacksy r/bit 15 DJ, adding of blacksy r/bit 16 DJ, adding of blacksy r/bit 16 Dyess, madden for a former to the extern of anyone, and health lam attantoms. All wars and to strain a collectors of any of a strain any of the strain and a strain any of the strain any of the strain attantom of the strain anyone meter of most beer, and cells packed strain attantom of the strain any of the strain attantom of the strain anyone meter of various anyone meters of various anyone meter of various attantom of the strain attantom attantom of the strain attantom of the strain attantom of the strain attantom of the strain attantom attantom o

The results? Well women have a better serve of smell than mon do and smokes socied wome han administration in Build free international Dety was that after the age of societ administration of smell begins to set of maximum between ocknown declines through the age of eighty and which womether after and which womether after



The signify white of documes mathematic and the age of swis

That "Division branchings in the add "Thin for the supported to the support of th

So 113e was known sbout our sense of small until recently says Doty that leading for it was alarn to lisating for visual acuty without an eye chatt. Naw we have in you wal, a nose chan that physicians can use to test a patient's server of small

I believe that the human magnation nevar invested snything that was not inve, in his world or any other."

- Gerard de Nerve

PREVENT CANCER

The hericarger and ecogrand as distinctly ecogrand as distinctly energy has taken bit at ushalding conclusion among traces have. But the hemburger's greating regulation has just accessed a boost in a most supercent it a most supercent it burger beet protected labomiting man against access.

Food monthelikepat (and hamburger lover) Michael Paros, of the University of Waconish, in Macaion, exposed 40 mice to the deadly chemical caronoge DMBA Teventy of the to-

dents, prevously given the protective anticarcinogene burget exhats (which a called mutagenesis module tor) developed two flacts fower surgets.

"The idea that anitcationgens are in food and new," Panza says "Until now, though foods thought of in Ihis regard have all bear.

ecitive plants, such as the crucelences vegetables cabitage becook, and cautificerer Dur contribution has been to show that lood derived hom withmals, in this case homburger can also lave anticaci-chosms.

Actually herrourgers do conten minuscule amounts of known cestimogens Bull much graeter tweas of arth caromogene Parce a viggents minder the cancercausing constituents at wolunky terminess

Our thirking is that this particular antibaronopoin mey be truly significant. The seys, "but we've done only is lended antihal testing and we aren't suggesting that people will ten pounds of hamburger every day."

-Enc Mishara

"Theve always felt that doubt was the beginning of wisdom and the lear of God was the end of wisdom "

-Clamoce Darrow



Te mereal calificar provintitive? Partburger has been round to onlian a chemical that projects inbowbry mice equinal cancer.

CONTINUUM

NIGHTMARES AND CREATWITY

The Strange Case of Dr. Awys and Art Mrycle sala the regarmant rate of a doctor who becomes a monitor Actualy, the story was a registrance—a doces that houried author Robert Louis Severeon had such at so wonder Severeon had such attemption of anyon shad such tentiing dreams had such tentiing dreams had such tenting dreams had such tenting dreams had such tenting assessive

Dr Emisse Hartmann of Life University, agent yeans studying people who have of lease one nightmare a week. His subjected 50 sufleves to interviewe and personality, mitako, and modeal leates. The results led Hartmann to be rightmares to thin "occurdance."

Boundares and the metals deviated half was place between barging and water and between outsidewe and others the subset of the permission of the subset of the creative placement of the creati

On the other hand, thin boundanies cast also be a curse. Hartmann found many sufferens had mental knoss in their families or had the lendencies themselves

a triy bi of madress," con-



Mit Hyde A product of creatively and the tocardianes

cludes Hartmann. He says field a child who has them might be dhected toward artistic pursues All the same time you'd ward to watch for agris of schaophren s

The first human being who hufed a curse instead of a weepon against his advesary was the founder of invitration

-Somund Freuz

LEPROSY'S SUGAR

Fitteen milion proper aufter the homons of lagroup, a toppool disease that destryp human nerves and stim. Dockow teat the disease with auft drugs and antibolit or. Because ispromy back or. Because ispromy back solvy however patients often must take the drugs for life But moont experiments. suggest that a permanent ours may not be far off

The establishmody and a second second

Lappray bactere tool the egylatery old with awchards off the obtaine botton if obgens. The Destein naearchers have tracted the includy ba away costing on the autoped the Migozobernaum agram. Hardy all botto the data search may off the moute agram. When they stated the costing without the watch to add botto off human errors agram. When they stated the costing without the watch to bottom of human.

Of the many people who contract leprosy only a minority suffer its most hideous form. It's those people

A Real

Expert A worker of teprosy becteria's sugar coating, which fools the body a required on politik was turning off the intriuse system.

says mmunologist Yeay Mehra: a member of the Enstein team, whose immune systems are most susceptible to the bacter of trick

To popular that, scenariats developed a voccine of dead leproxy bacteria combined with enders bacteriam. Ital generally activates the handle and the way cooling producing the way cooling That gives the emrire invetion a change of propare an addouble coferine

So far the vaccins has been tasted on several han ded leprosy patients in Venezuela. More than hall with the most serious form developed an immunity

The way the first time lappoop patients have shown an immune response." Advit Metric "Some patients wore ound in two to three years Currently the Venezueline are incoubling 80 000 agains the disease as a test Device Response Response Response Response Device Response Respo

Continuous succession of apportunities for survival "Gatorel Garos Marcunz

MUTANT CAT

For more than two decades, belogical breeding laboratories have been providing hardisal most for accorrected than the autore dealing with occimient autore dealing with occimient activity and module activity and module to the service activity activity and module activity activity

The first you'd includes the second s

The aptyrishes park and gray making that make the similook as though it were opvered with a cost of time down. The sitest a engageingly bizame, much like the ET cat a chemistic nemessite.

Bred in Holland and ourrently living in France, the sphyrix was imported specially for the Garden Cat Club show According to



The sphyrix car his hear-ord a cop visites (of a mone

Very Meshater, the stron's manager, the citylion is iterativi without price—here are part tool two of them Addocrady if is offit uncertain whether the themical a startie Marketers—a senior reasageth authentic with BMI soot Fault the Memoral Bloss-Kathering Instruct a tor Cancer Research was negotiating to ottain twenty out air approx.blood to "Hoel tealing man mitmutogues show

registration instability in series and analysis of Markelen seed all present observee at the adaptics. Streams many more additional series and non additional series and the viscon is occeptionally elevation is observed in the of presents for the lack of spaceprinting whisters. The present series and present series and present series and additional series and present se to relation and physical olacion the aphysical would

The sphera is tepparently the sould of a challed muchtion Makeset decounted in the immunence of bioencylneward housecals indep the them are tar more lurgative areas for games training "Ne don't like to thrik about him as a societific curosity" area away, strong the coording ET cost. Thes just a wonder to cert. These just a wonder to cert.

You phough never took at norrestoody where silveping it is as if you were opening a letter that ion! addressed to unk if

-Satha Guery

GOES ONLINE

It was bound to happen The much locked revolution in consciousness soon will be weaked to the equally touried enrouter tousk-form

Centeri, rik information Services—an intringrise library of spinituanteachings, psychology and parageschology—plans to make its kest information available to the public value computer distabase

Full tanks of such classo books as the Bhageword GAs and the Course in Minucles, a three-wolume system of psychologenus therapy will eventually be avariable over your modern Center, unit a Also currently registering to include organig editions of Brankface Builgen

plans to have a subject/ author index of sbout 100.000 titles with abstracts of some 25,000 books and aradies, ready by this summer. The distilled best from the initial 5,000 books will be bhind by second 2966.

Developmental peychosign has withersoil or explosign bit introst in inner development i seys Writson Internation on consolicueness studies howeve, rest been soatteeuid a curres clearinghouse would have a protound impact on both heavy and practice i i

Whiteon says the database is designed for people who are internetial in consocurines and sprinulity but who confliver to bother with guile balls or conteninces. For example, a subscriber who wanted to try remailing could sawly remailed by phenomenon through centerLink

Alle instanded would be case histories for thorapeck, support systems for courselny metalen, and services of speciality and services by subcontens interested in periadral gowth. For example a menster faced with courseing dowth. For example a menster faced with course could log on to the calabase and grift the nameand addresses of diavers.

Centest, nik is not revent to be an mellectual history of tabas insole Whitson. Our amis to be useful? Plans also include psychological computer games as well as refeet activicules for sprefual practices and speaker programs ---Conne Zweig

The mind is no boomerang Throw it far enough and it won't come block

-Inorses Moduare

CONTINUUM

THE BLOI

Gromery, all you needed to get down in par on the solered hole at the exclusive Bay Hall Courcey Cab main Orlando Flonds was a good long iron or two and a crep patter. At least that was a you needed until last apring when the trypase aboved up

Les golans everywhere werkons is diverywhere eventions is diversite in the gover accustomed to here own ingeblackes. Over the years they want how hard if is to tet a soft burken shot out or fo a gener they wanned see But tak worken at the owned at Bay Hill. They's he shot like with and hear their bein land with a soft, pipepag sound in the model of what burket out to be a mound of ally burket out to be a mound of ally burket.

Their problem was that a lour-foot-long tryscose, in all is Jelio-sh grean-brown splendor, had washed up on the back nine all Bay Hit presumably from a nearby



The more lice remacue termigers the one, gollers

treshwater pond. The diazon cented members polisied ii c with naisis and eventually called the Driando sheath's office to fino out while mannof creature had miaded ther GLD.

Base Vince Walanna, an actiograf with the Finds Cane and Hesh Waler Han Durnisson to all them mat the resriger was a memory of them and the policity matching of them in seathlenger hand no retering the base to policity them got base is confirm. Base Withows of weath in room hand to a the base of the gasgabits or a footal They apply the more them a seat

and of the social sample set here in the fast places? Think such publication and the social as out of as pond explane Misers who are neglicity ansared by the whole then one filters who are neglicity ansared by the whole then can be set only in clean water "an observation that thought contexts the ment rember who drops a set place in a water hazard.

Generally, I ande sverything Wany bries over All my thoughts are second

-Aldous Hoole

Reality doletinit reside in the uchen hallucination of write Reality is uneventifue east, racancy, fatness leality is that nothing hapene."



Geige in it a meety serie uncapacitated in an anti-proby the electric control for barrierse relevant the point of own collection

VATERY BAND AID

For hundreds of years

doctors have Protoid burns and user washed by deviand here sets foll power and teneopers, Burli an Errory to versity proyectan is vight. The point familie following social politic way of this format and water initiation of the sets contacts relative of the

According topint Mynn Sportor, the Here Ingelson (anked Gelgeering) is much by endpointed water, which rokes up 90 percent of a volume ministrational him plastic coating. Once applied to the sim. Gelgeerin works by seature to riso down excepts stack from downer except stack from

In a three-year skudy apactor tasked Galaparm on meature page comparing the saucts with base-from ractional gauge and-bandlage Investments. In burne, interview function of the comparison tasked on the comparison the comparison tasked task reade it assess to territore (assessment) fasture, while it no flood the amount of assuss imnese-ution under the bumbed area. When used on skin recentle or grafts, Belgoerm anticipant having and the granult of new bossie

Gelepeens anthuses basicare alto a first class tool for chug detery. You can add exch water-oxicitie modealcrose at topcal anthboles, he replans and through the place mod the plan. Fundage even more neityang, the new wale benage was bund to releve the pan of bening.

When you instruct dual tell products internet water, "genotax concludes, "you can't make too many claims for to being a manole drug. But an agent as simple as water can somethings provide what seem to be merculous what seem to be merculous

iten is condemned to be

SEX, SAMBIAN STYLE

Witho are the most pesal men in the werk? Accessing to Gibsent Hend; they're the Sombern or New Gamme The Standard anthropologie has opent a decade studying has been behavior of the greatman mito, while access formassival inhais motion children have become essenlands cuadro

Herds level with the title set months before his factor lock about its unusual (Factoloos). As early to a get server, trans to kee exclusionly were admitted to keep admitted admitted to keep admitted they keep manned a decades or more later. If they see it, access or a grafting they maint admitted to keep admitted admitted admitted to keep admitted admi

Once in the mone houses they are inducted into a homosessal cuff. In the initia tion role, the boxs encade



home of the sexist Sambian

inframed makes while muse is played on fullies the trabel symbol of male dominance. The boys are also followy none-bled and wounded in opening out of the back

The Program seema to the formal assence The Processor betwee that there is only a kontext allocate of male spars. Or "georegical the essence-of manhood in the world and that the ritis e resonance manhood in the world and that the ritis e resonance manhood is the world by the boys to brg in 36 produce there then upon produce there then upon produce there then upon assence on the warped entry.

The result is tear and bathrig, hew Garce drive born shan they many the menanoscole study stuff listers to hornores to block the temple odor, and the shat bout of manafal data so car, with the women's bodies inclose by bark Afterwald the young Tubach Afterwald the young Tubach Afterwald

The new wwes are often reported flows a hostie-willing to avoid interviewing, which further heightens male detrual. The mitri also worty about displaying their lifetime about displaying their lifetime lifetime about the second the filter has a solution to the filter whee, says hend?

Contraster releases on which be taken a held haterstand and father a held haterstand effit, same are realisted One quarter of the men take a second wills, and adultary is not unknown

Do the rilual practices mount to child abuse? That is a Western concept. says Herdl. "Context is all important in evaluating the meaning and wata of lackbehavior. For the Samthurse the practice at humanion and base the transformation of bases into appressive winname which they beakers a choice for a protocom of their spoory.

What temble trapectes stall to contrive for people?"

INTERFERON AND

Neo physician's instance cancer pasteries with the antiversil protein interferon made as transmitting discovery meeting's insecting in memory long number of patients—2 but of 85—stress amonghy long anyong evelopment in test when laft university one accounts lattics curred upon the romated and down to like chin.

"We have absolutely no cates what Dewind the positioration of the operations " says Kerneth A. Floor, head of the Clinical Investigation Section of the National Cancer Institute in Betweeda, Maryland Friori conductad the ritituterun therapy with oncologing theil Abartis

The five declars used highly puncted interferon, meruflictured by recombnant DNA technology, in what Foor calls extremely intege dosagee, much legtly than the body produces on 45 own." Beth patients who product the supplicing body sware suffering from insulationary in James on



uncertainty policity dripts,

(cancers of the lymphace system). The conditions were riso ismission after the interterion thesapy

"After about an months of teatment, we first noticed that these patients, a man and a suman were growing for teaches. The growth perseted well into the second year of teatment, loading to basewelly immande

Whatever the mechanism, biggsing the lash growth. Foon points out that if system is be specified to contain lands of body her. "The her on these people is heads actually thread. Their public hat, however, began to grow unassestly long, along with their cycloshes. It was strace."

Foon cautions that intaleron shouldn't be used for costnetic purposes. In high dosagas, it can produce a loc of other noi so pleasant sole effects: The explexits like tatgue, malase fover and a drop in the while blood cost — Sherry Sake



CONTINUUM

CORAL PERIODONTAL IMPLANTS

An ugly maximosi conit has grows with abandon in the equational waters of French Polynesia may be the key to solving a percolonital problem that has troubled Amandan dentisia—and petents—for years

II operative the postal mass pays that which a loss to equit test before the water transmission of the cost of listen to the state of the cost of listen to the state of the state of the state of the state of the postal state of the state postal state of the state postal state of the state of the state of the state and the state of the state of the state of the state of the state and the state of the st

"Specialists have tried many treatments in the past," aaya Fermer Cananza, chairman of the periodontics department at UCLA where



Polynesian oprai may be a new dentel braakthrough

the hydroxyapatile is currently being tasked

process invariants, included bone grafia lakes from the patents mouth or hip, and such synthetic implents as plaster of Pams or tropicum phosphate " But in every case, he adds, such methools were unexcessful or over harmful causing more one ensore or tooth loss.

The Phylineaer consi, which could be the solution of millions with severe gun desease, we alsowered more than a decade ago by soreholds thore Pren Sale. University Only scoetly dot if coolur to anyone that the blacetoid and processed bories freeds could be transit that excited actually promote bories growth.

The local is so permit in the South Reach that is must occasionally be dynamical must occasionally be dynamical transit occasional the support elematorial, a fem in hore, califorma has been prynor churted of the stuff from the ocean floor and samding it form for conversion hild hydroxyboale

Interpole which is now makeling hydroxyspanie asys this new theology will prove to successful that mitions of natural heath will be seved each year. Interpole so regards hydroxyspanie so abore graft substitute in rebuilding perioduct (or use in rebuilding perioduct (or use

When choosing between the evels, I always like the one the never triad before Max Title of Max Title of



Artist a impression of Mers. Can you identify four Merery Secondary and one scientific architect-of the rol claring?

F OUTZ NO. 1

The peak Mars has important is sorted-station, with the service control of the Marghese growing breakables and the station of the Marghese growing station and the station of the software who watch schull Mars, based on the biotemp deschuld and the software market and the software software the software the software of the descriptors in the water shall Ad-Ma river private software river software softwa

1 A dying wold of canel and dead-see boltoms, populated by terocous 16bol-tall four-armed green Martians—among others

2 A bencale word of bone-china obles with houses that revolved to fotov the suit, whose inhibitants were woed out by chicken

pix when the first Earthmen landed

3 An and Iteless world whose deserts were once carved into thousand-miolong carryons by water that has anno whishod

4 A planet inhebited by coldly intelligent creatures who launched an invasion of Earth

AND ADD

5 The Mars of Startiey C Wardhaum's closesc story Marchaum's closesc story

4 H G. Weits s Meris (nom 700 World of the Monds

name as analy lean only 6

2 The Mars of Ray Brad-2 The Mars of Ray Brad-

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ven practicing on the track. Edwas Mosee runs with rhythmic precision, taking one identical Extends day, another but only hurdle he inflates a complicated senes of movements. All in one beat, he gracefully bends his black fucks his read lowest her knees, and points one out like a salver he seems momentar ty frozen in space, an icon of the attleve's eternal queet for perfection.

Moses has come closer to perfectime Crymora gold medial-wriner in the 400-meter intermechate hurdles, he has set new world records on four separate occasions. Undefeated in his a hundlo, but in almost a decade he event for the past eight years, he has has nover taken a fail spented to victory 109 trong in a row No other number has ever done so well perts in the country, they will say that in a single race so often

ment as extraordinary is the sheer mtripacy of his event. To win, he must count 400 countries maters while rambly keping tan 36 mch-high hurdies,



all at a virtual dead-out sprint. Inew tably, it would assem, by must top over

If you are the top track-and-held ex-What makes Moravis accomplet- outroe, nor the bed pure hurder What he is, though, is the world's greatest student of his event. A National Ment. Scholar educated in physics and civil lyzes his performance with the latest

Early and late in each season, he scrupulously tests himself on weight machines fint one a computered



readout of this strength and power in after end body regions a grance her can see whether herbas muccle implaint region the body regions of the state interpret the engreness to take high-stoped violatiogen during starting, herbit muccle in the state hame by barrie to propose any takes in that social data that the state interpret the state base, her wave an elevation that is accord have base that interpret herbit isocial have base that interpret herbit isocial have base that interpret pails manifestion have base that interpret herbit isocial base that in monotes the pails manifestion herbit accords and the pails manifestion on hermit contradies.

I point the figures cuts on my competency bad goods with paring times on one aims and poderinter or another "away Massa. If it an intrae method her days in a loss i can one a marked change on the graph By the real of the week my heat rakin all graph graph and staging up longer their coming down table motions at the end of the weekset. That table motions without over time.

But deepsis Movers relation on technology tail to adhesis don't consider than a main noo. Fan from being an anomaly in sports to us a segrected promein. Like the prototomans who canned the trata but subars to be able on the horizon-patherers who sent the trate wheel cancering down and the status tabe bridge of things to come

With roach paging year. The over standpriv toward Hows that in it is had weld at altoward. Hows that is not in the stand weld as a becaming nonaiting commening to an array of testeges community of stands of testeges community of velocid in testeral table and on the playing test and. Working hard in herd well pelay stant, provide tables, and polycologies. They are traying the techniques that well weeks forces at history on the terminal test perturb.

When their revealution has possived human particimance well online a superhuman realing higher tel hadds, and compete with far mare skill, oblightang most of the bodys supposed lemitations. The quantum leap will be possible to such separative toxis as

 Computer programs that analyze the motern of every limb and muscle suggesting how the athlass can alter his or her movements for optimal performance.

 An rotariove series of diagnostic tasts to identify future world-class objects and de termine the best sport for each indexidual - Electodes that iterally program an athlate muncles with electrical signals taken from superstress.

Behedback deveces that measure physiological features from heartbeets to brainwaves, helping the attilete to firse-ture performance born moment to mamoril during a game or overit.

game of each These possibilities are natural outgrowthin of research that has gathered momentum to more than 28 years. The spatial latter of high tech spools, workshold latter of Anal got the table of latter of after the 1644 lision Of timp to after the 1644 lision Of timp to

Back in the Fittes. Anel was a large and crew clama activities of observed with becoming an attitute AMB schultmarp the options: to bearded has the activities the options and beardes, the tipe faces of the schult for it, and beardes, the tipe faces data. In town fact manages only in embandance, faces and that manages only in embandance, faces and and bears to use were of manner, face face data the schult faces of the schult faces of this mand once called famous dame modilities in retempti-

Despte his lack of natural ability Anali made the Israeli Dympic team in 1969 and 1964. Under the guidance of his cotach Lefloy Walker who thesistic a localities approach to athrotics the overfluidly managed to break the locale second just between the 1960 manes in Reme.

A few years later driven by her love for sports, he were contended, were considered of the University of Manuschusseth. He pursued his graduate studies with the same in tendy held given to the decose paying cannot attained to the lowe of geometry and physics areased by Walker.

The findings held firm: No matter what the sport, most professional athletes exhibited the left-brain alpha waves just before an event ?

And soon understoot that the text of the taxe water of low accessible to the hortware ope. Is comparated for the syste obtained to the source the low that the syste obtained manually calculated the induced text of the manually calculated the induced text of the the low agence text and a systematic transe Large the laws of Newtonian physical transe Large the laws of Newtonian physical transe Large the laws of Newtonian physical induced text are metaled or completely movement to contem to Andel analysis the are informable metaled.

But this new "bomechanical" approach (in which the body was presed like a mechanical system) shit has installions. Bucause the mathematical formatistors were sociatiges, where could easily which only a mail number of athiests. And he centarily couldn't analyze the discose of body segments that come into play.

Then in the Anei discoverial the computer He was waking through amendical bait of Diarthouth when he is also workness using a wand to louch a moving image on a television screen. The fluctuating image Arei toplained was of an experienting tumor. The screen or which the turnor appeared contained hundreds of thry microphones. Each tick of the want (actually a sorice per entiting sound wavee) actuated one of the micoriphones, which subject to maske memory. In estation the computer is masked memory. In estatement the computer was charing the cocentrates of the turnor as in grave.

Watching the Dartmouth system, one of the executed hims electronic objections. And isalised hims was the social rolegy for had been himselved and an executive of the system himsel material second and the system field material second electronic and the allowed electronic and analysis of an all shake in motion allowed and parties to well and therein posistem and appendix of the west in tasky armse allowed and proceed. Arrele participation well and all to be been conformance.

If don't take long beloe Avel was recruted by the United Status Ownpo Conmistee (USOC) at its new headquarters in Squaw Valley California. In 1976 he head the committee evaluation top delocat Browns, including Naco Walkins

Within the computer revealed reached exceptional appear term in which all with the decus, but when the parted has leg to three the decided to much energy which is fact. If Within social change his polationing definit, Anal doctared he accord entry but energy into the decus fact and anyoung tax three has accord three to polationing definit, the accord stress the polation and which the heat and he want on to write Olympic gold mode in Montrael.

And soon had equal success with devise lighter abates, and hads, taken Over Belyears the lactinology improved By/Tel obly protect of LBOOP thereis pre advected and protect the intege of to a scored i configuration protect the intege of to a scored i configuration (\$2000 unaversite integers and the light (\$2000 unaversite integers of the light (\$2000 unav

With this high level rectinology at his deposer. Anal performed his greatest minole just last year, it all began he explores when he was asked to help revisible the US women's volkyball barro--a team of locats

After examining team members, Amit could be eithy the group was only humber 54 in the world. Most of the players wrohopscally wroteging for the game Physics and takes has to purposes of reach and was amende team was the first load be till But the average member of the the US women's team was the with the in charts amends the was the set to the the US shares had supperts orderhelds, the US

Based on their guidelines. Assi and cooch An Salinger a tolow tracel, found a number of these players who assemed to fit the tail. But according to the computer, there was no poaminal star. Their solution was revolutorery instead of restricting thereavies to the nations apool or weleyabal physits. They de-

What do Beethoven's Ninth, the destruction of the Death Star, Mozart's laugh and rock video's latest thriller have in common?

Uncommon sounds. Sounds that make exceptional demands on your audio system. Because from the crescendo of a massed chorale to the detornation of proton torpedos, the sounds of modern entertainment reward audio high-performance as never before. And pothing performs like Yanaha.

Yamaha's sophisticated new R-9 receiver is designed to make the most of today's home entertainment possibilities. With seven audio and three video hookups, the R-9 can serve as the control panel for your entric home audio video system. And because it has a separates- quality 125-watth per-channel? amplifier with Auto Class A Power amplification, it provides the high power and wide dynamic range that add a whole new dimension to your home entertinnent experience.

Now you can bear digital recordings and compact discs reproduced with the full clarity and resonance demanded by serious audiophiles. Experience the high-decibel impact of the scund effects that make your

Uncommon sounds. Sounds that make favorite films special. And do it through ptional demands on your audio system. a receiver so advanced it uses discrete ciruse from the crescendo of a massed cuitry like that found in Yamaha's finest ale to the detoration of proton torredos, separate components.

The R-9's AM/FM stereo tuner fcatures digital tuning with a unique 5-digit capability that allows you to fine-tune in increments of 0.01 MHz (FM).

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YAMAHA



cided to seek a superior individual from some other sport

Anel and Salinger socured the country and conclus which watching a crucia of lassetball players. They spotball he spotballsetball players they spotball he spotballarms and tenformhous She was possible arms and tenformhous She was possible to compute ordered. When Area Jackied her to part the volayed later, the angund "the outranty" is verified. When Area Jackied her to part the volayed later the data her would part theory, which adams, the data her "the lagers theory, which are an angund "the data was an angund the set of the data was care?"

Not surprisingly, Hymin had a lot to learn Her arms and logs were often out of synch with each other and she wasted her speed and thrength. Anel had to use his entrin tomachanics arsenal to polish her teotricipia

We made Fio Hywan the best volvyball get in the world. Avail new declares With Hywana and other computer potend players, the US teem pulled off a string of upsets and won the salver modal at the 1884 games in Los Argeles. Twield come in loss th. Arel says. Twokich have been triffed.

By the tarve of the velloptal teams success the outspecker—some say abreave— Arel had teal is falling out with the Olympic committee. He suspected he outspectrum was planning to modify his softwate without he approved. So he complemed—sough the committee solved matters by virtuality boot no days our of the camp.

Nonetheless, the LEOC Inne income in

Colorado Springd executes Arel's restdate with guido According to Gary Schernen a resolution of the training comptiterrup/onnex lab, high speed linn. Arel like digitrong opuperent and a hind in their acclary orderns are basic tools for training an athletic-clin.

As might be expected the Cytrpp berechards bits and the behaviory of a the callet "Weaver you back comparison down the the cytrps of the cytrps of the cytrps decrement and the cytrps of the cytrps of the cytrps decrement and the cytrps of the cytrps of the cytrps of the cytrps decrement and the cytrps of the

Pertuga the rolat important new development in the tisk styp. Schemarn is the use of computers to wavely depict the takmechanics of theorem in rolat literature and occurs A system known as Sebpot for a statute omploy is in shared camera and a set of light-emiting choice attached to the diviters body. The comers policy up both from the docks and (beach an mage divisity) with the computer.

Videotope another important tool, carril yet capture as much exital as fem. But Schein than notes that it can be played back immediately, without weiting to be developed



And like the signals from light emitting docks, who signals can be field directly into the computer elemantary the todous process of diptiong every fisme with a sonic peri. This allows affiliets to correct encis in secnois inspect of waters (signals of into projection).

According to Davids United Teaching and of the mechanics are sequences at Calvala sectors in the Calvalance of the Calvalance of Calvalance is of the American Sector Month and Calvalance performance in the Calvalance compared to all the American Sector Calvalance compared to all all decaliteness. Whit competent in the social Wooding that disrups of the language compared to the National Sector Calvalance and the Calvalance and the Calvalance of Calval

Notifying success in noticentify again blams because least here in partice in comparing registrin developed laid yield the there McCartine, then a bart resource the model of the second second second blattering distance in the theory on the model is bed values building a comparing stativacompetitions with the pairs value graders that it is an advected barrier and the theory experiment barriers building a comparing stativament, calculater to be any any chair the program barriers in the barriers of the theory of the second statistics in a pattername or the calculater and pattername or the theorem in central pattername or the second statistics and statistics and the second statistics and the second statistics and statistics and the second statistics and statistics an

This kind of processon. Dirinan adds will be extended to othertee in a slew of other aports before the 1983 Olympica in Secul. South Konsa. Alteady programmes at COIoedo Springs new ooking on similar models for this fong jump. The pixelin throws speed basing figures skianing and ski urrong

But even these programs says Chrimen, which is all still from particular the next generation of follware—a universal rippits porgram bars (bescheef all the lot). The goal by 1992, he explains, in a generate of human model that will be benchmerchared apachy for eaching will all be able to mostly ugoaldy for eaching will be able to mostly ugoaldy grams. Hough the entry of the able to seconder muscles are well analyzen metasin segments. Hough the entry and and the bodies and will analyze the forces eartial to seconder muscles as well "

Betrectured analysis will be corretesting and provide the second latery fails afformation and second latery fails afformation may corre tour own of balmas afformation may corre tour own of balmas afformation and the second and the second later of the second later and the second later of the second later and the second later of the second later and later of the second later and later and



FICTION

The quest for beauty leads her on a torturous iourney

SONGBRDS OF

BY GARRY KILWORTH

songbaids in the fire trees outside her penying the cloades and the grasshospital window, and every evening hoppins the rhythmic ticking beethe from sensing the storm drama with thesi over the high-singing bats and rivers of hoss youngs. Not when she the circlond lights She fried to rewoke or went to sleep. In her twight member the time when these sonoworld of pain there was no real slopp, sters these choral worders of an exjust a chinging to the edge of a dream, ofic land, were not part of her were an intermittent meting of the brain (separate from hor There was a men Then there came a time when the birds somewhere who led her to this state and trogs seemed to be singing from. If she could remember within her, deep within her tesh, her bones The pitch of their notes was. Philip would incluige her, she knew to on occasion, as sharp as thorre, and the extent of his fortune. Aritals ap her breasts and her mind with their need to hold something in his hand

Tomorrow they would break her leas merodies. If snakes could ang they At first, every monting there were would have been there too, accorr-

al other times, as duil ici small ham proach, however, was cautous bemarbiows on a hollow skull. Her world cause of the nature of her request. was full of the approval their music. Even so the amount of money in-The songbirds of Brazil entered her volved was considerable and as was blood and awarn the channels of her his habit, he reached for the whiskow body with skyw encose. The tree froos, when he was thrown off balance. She the ground frogs they also filed the had come to resize that it was not the long, nerrow passages of her limbs. alcohol that was the crutch but the

PAINTING BY BALLÉ

upon which he could concentrate while he recovered his composule. The worst was yet to come. She wated until he had poured his dimk and was gripping the place.

"res-" she mentioned the sum-"it's a lot of mosey. I know, but i'll give up a few things my fur cost this flat.

He looked up sharply "The fai? Where will you live? You're not moving out of London? What do you want this money fai?"

She hesitated before replying II was dificuli to tall someone you needed a great deal of money in order tahave all your bones becken. It would sound indiculous. Perhaps if was indiculous.

Til have to go away. It's an operation. Dan't look so alarmed it's not that Tm sick or anything

He freewest, solving the crystal sumbler slowly batware has pilline. Anta sumdered whether Philip's wile was aware of this man before their Maryne could, but genings has was arrogance—concert? Perhaps Maryne was aware of more important supports than writewy glasses. Low mathemates

"Cosmoto surgery? But you're already beaufai I life you the way you are Wity should you want to change?"

the Majorie posieses it to both have a charsma that goes deeper than looks. You may think its something supericial that its searching for buil domasdit, issertionalise the dear of impost. If in beautial to begin with, then that put means that i need loos improvement—but there is a great deal of mol watt imported.

"Where wil you go? Where is this piece, the USA?"

She shock her head. Perteps this was one time when he would tell as her aclamanity in which case she would have to bide her time, wat for another lover just as weathy but more willing to induce her.

Yet she know she could not leave this man She kwed him much loo deeply

"bital: A lown on the edge of the jurges called Algarez. There's a surgeon there hwould hust frem "Is a of hour operation, but know helis damed it out on two other women It was very successful."

"Bread?" Again, the rolang of the glass, the slight frown of disapproval. She laraw that his business interests would not allow ham time to travel at this point in the oxientee She would have to go alone. "Do I wrow after of those women?"

One of Elem Sarah Shekts

The actess But my God she was unrecognizable when she returned to sopely i much she loaded righting like her former colf-denomely boardful yes, but

Anta suddenly wanted to knock the glass out of his hand



Sometimes he lacked the understanding of which she know he was capable

beautiful yes but There were no buts in Arita Everything was contained in one word Beauty. She wanted it bady Aleal beauty, not just a passable beauty To bethe most

Wil you help me?" she asked smple

It is biological traction rays, and usubley, the model A wonderku, unassizationagi antie, mod A is interest wuld be all report. Programs and the interest wuld be all report. Programs were precised in the lead accurd in the fragment were precised in the lead accurd in the fragment were precised in the lead accurd in the traction to the lead accurd in the second of a goother traction of the leage work in the crocostdeed accurate the lead accurd in the second of the lead accurate the lead accurd in the second traction of the lead accurd in the second of the lead accurate the lead accurd in the second traction of the lead accurd in the second the lead accurate the lead accurd in the second accurate the lead accurate the lead the second traction of the lead the lateroon demand and lead accurate when the lateroon demand accurate the lead accurate the lateroon demand accurate lead the lead the lateroon demand accurate lead the latero

She know he needed her but not an much as after needed hern-mit self her aven readmached despendion port at times, and also meening the fact that he, through apparent was not as consuming as her own. Ante though suddening of her with the new been readous of Margine Anzyone else, yes but Mergers was her with and, mean importent althoughts was her with and, mean impor-

When will you loave?' he asked

Next month," she replied

Area were real the NACHING to make some other which in the name of the NACHING to the NACHING the NACHING to the NACHING the

She was now twarty-secand waser only in a world as seen through Philips eyes He had keep her cloweted confortable and teppy for four years. He comence were acandhand and originally lie. She releted this that oresided an insight parametity, but for the present the was solelied with the datase goal. Libbit when she had list thim (se the was bound to do one day), perhaps she could diverge her own dentity.

CP High turned VI and know cryb the problem dottes in the duration of annual of annual control of the second of the DB to the dupp on the certain of a second second and patients that warr with right second second and patients that warr with right second and and the dubb regimes that warr with right second care and the dubb right space is legislated on any the dubb right space is legislated and the dubb regimes and space is an and duwer. The the dubb right and second and duced at horizes that the second space is duced at horizes that the second space is duced at horizes with its ware that a dubb proceeding corrected with relaxed by the proceeding corrected with relaxed by the relativestimes and the second second second second second second second second second proceeding corrected with relaxed by the relativestimestimestimest second secon

His head not been an easy climb, either He head some hom a poor background. Phag head snote acquired considerability of the head was thought of by his contemporations as an unidocrulis backessman rather than workno class—convesturion

At the time Anish had met him he had been failty-two. He had given her a lift home after work at a store for which he supplied new whitem how dre was maken collea for him. following an evening at the bester and before he wenthome to his wile

Shi too'in the colles and thy dank it indexa. Theywards that minkingsmall datasets theywards that minkingsmall mode to the state of the state of the mode of the altoconstructures the test Mapping was understanding way and basedownan, the was present was a bug basedownan, the was present was a bug basedownan, the was present was a bug basedownan, the was present basedownan, the was bug basedownan, the was present basedownan, the was basedownan basedownan, the basedownan basedow

It was not contrasts Philip recared, but additions in turn he gave much—aimost so much as effer woman asked for—in both practical ant embranal terms

"Tithave to be gating homenow "he raid after the coffee

She noddiid "T know"

"Thi sony follike to assy tonght, but Mar priels expecting me

"Totalinght Philip waily it is I'm the live got a good book and the tolevalon if I need it. Please don't worry."

He kased has gendy on the brow and she stood up and lefchod his cost.

Thailiyou, the raid, standing at the door "Til be hate." He rever could say good bye sheeps using facilie excuses like a suit, namembered admething or other, to prolong the fail pathog for the right. Deen in the



closed door was not a sure indication that he was on his way He might turn at the last minute whip off his cost, and say "Damme, another hour world hurt. It say the car had a fail or something."

"Go Philip" she said "Jug op"

He shrugged hulfly incude he overcost and slapped onto the landing. She observed the obort and then were take here have been to show an average the obtaine trange. She carried them into the kothen but as all the place the twy on the working writes, her arm knooled over the pactional, when here shall be pain and her receip backward.

"Philip!" she cred.

She inspected horself. There was a red week the size of a handprint on her trigh as if she had been sliggped hard.

The fight to Breadle was long and uncomtortable, but Anta was excepted, not only by the thought of the impending operation, but by the close of being in South America.

She made her volts during the next day, and took in the nightle of the city in the evening. There was no toal depayment in it for her though, because she wanted to share in all with if tillip and he was revent thoughd millip away.

She telephoned him but the instrumont, had always been impersonel to her. She could not feel close to him, even while she was lettering to his vaguely detoxted voice. Philo: it a Artis

An ocho of her voice followed each word and then a long deep sferce in which it seamed to her that the east of he word wee

tuned in to their private conversation to dering, any you?" Parts of his speach well wait to his twis, a disterent business. She wanted to reach us and bush him not inscharge businets over thousands of miles. Darm what was that catchm?" She outduit not hear him peopethic.

"Fine materializes a from " also smell

It sounded hollow, flat. There was more of the same

"Losk after yoursell he finished after a very unstabilitation free meulait. Ween she replaced the recover she lost further away from hern than before the call had begun the supposed to bring them classr, not emphasize the vast distance that sepanetise and sec in

The Martian invasion of Earth is rendered anew in images ever faithful to H. G. Wells's Victorian vision of



BY GERARD POMEROY





The Martians were sluggish, clumsy octopi—but they were invincible in their great machines.?



cross this guil of space — intelects sait and cool and unsympatitize regarded the scarth interacts spire, and deally and activity dress that cytes against and activity dress that cytes against the gene cytesisment that the Earth of the matisford "webma engines" that emerged term from - generalism that shall be allocate out land and sea lang wasso to engingen that shall be lang wasso to engingen and the shall be allocated the shall be allocated to the shall be sha



Deen and Martyn Deen collabouet awn arbain Three to an annot the arbain Three to an annot the second second second to an annot the second second second the second basis, the Martine weed arbain the Three weed arbain the Three weed arbain the Three weed arbain the Three weed arbain and second second weed arbain and second second weed arbain and second second the second second weed arbain and second three patients were unrepend - symbol humbers hered the basis arbain hered the basis arbain hered the basis arbain hered the second second second second second second hered the second second second second second hered the second second second second second second hered the second second second second second second second hered the second second second second second second second hered the second second second second second second second second hered the second second second second second second second hered the second se







and maybe even increase sex drive

Drugs made from brain hormones will revolutionize cancer thereov says the Nabel laureate, as well as create a noval bythcontrol method, curb appente,

INTERVIEW



wie Brazian entoconologit an office in a shoe-box-sheeed "trailer." A floor-to-calling booksheet, filled with texts on neuroon doctoology and people chemistry, spans the classrop between Comaru Schally s dosk and room. In the center of yords of tightly bunched folders containing reports of Schelly's 1400 papers. a sign, scrawled in geard Magic

Behind the V.A. hospital in New Orleans Andrew . New Orleans Andrew . Schally and his second than 50 percent various length and hass to horgonially aligned in like massles searcy to blaid off from the center of Schaly's detk degrees and awards so densely clumped that they blot out the leet tail wearing a lab cost and and gauge of a big oat and suggests that "perhaps I could

PHOTOGRAPH BY TODD JAMES

These questions came on neuromboonnologi, the study of the mission-the between the neurous and endocrine of thebased the neurous and endocrine of thedoction, septem Throughout most of the Doctas Schwig and endocrinologie Roger datation engaged on a bate compatibility dentify the study package and and dentify the study package and so the beened questin the postative glands so it more manufacture in the end Schwig wat 1977 bit hard iscovery of the tait three such releasing hereines

Practicity positivity, the field infrastruet connologie positivity in the field of induced connologie positivity in the field of induced (197). Potenti a statumet Bobliony have pubpotenti a resolutioner they adout the they potentiativity, a patient and they are pubpotentiativity, a patient and the statumet to the amount politicity of goal where an engine that the field and the statumet of the the history price of the statumet of the method of the statumet of the statumet of the statumet of the statumet of public the statumet of the statumet of public the statumet of the resonance of the statumet of the statumet

Before Harris for indextrologies within the biomy repeat or anticity is sharped provide which the distance of the larger grants which and any one of the larger grants which which are the transmission of the larger grant within the thread and the larger grant within the thread and the larger grant many one of a working each and the larger larger the provide the construction the larger thread each of the larger than the larger transmission or exception that the particular provides the invested to grant the larger transmission which respect to a continue particular thread to approximate the particular the partis the parti

Here recognized the classical models critical defect it don't explain how the organism—moth mouse or man—could reset its plautary thermostat acjusting its hor mon a production to environmental changes.

Here correspondences the endocrime with envirus repleters as functional unity with the hypothalamus as the integrating certises the addited of the hypothalamus overliats is nughtly equivalent to attaching a computer to the dot terminal-humane model. This contrains this programmed by higher branmotor. With the computer providing bit with the computer providing bit additional and the second second second education of the second second second discays and music second second second second second second second second second discays and music second discays and music second seco

Both Schaly and Salarith west conwroted by Hamits theory Each had done antifair tasks-calue experiments and each had become enamored of the same desemla discover OPE (controlling) meteoang tastody, the hypothalamic hormore that each or other believed activitied production of ACTH (adrenconfactinging hormone) the philary hormone that stimulates the adminial glands. In 1957: Schelly accepted an invitation to work on the quest in Guilemmin lab. at Bayfor University, in Houston

Nomenitore oppose in sight and lamposed to program Solver and and an outside in a specific and length Solver outside in a specific and length Solver of surray for lab "toma a height mathematic of surray for lab" toma a height mathematic distances grant to the solver and the label labeled and labeled with a height labeled and the solver and the label labeled and the solver with a height labeled and the solver and the label labeled and the solver the solver the labeled and the solver labeled and and based material context of labeled and based material context of labeled labeled and labeled and labeled and labeled and labeled be and based material context of labeled and labeled labeled labeled and labeled labeled and labeled labeled labeled labeled and labeled labeled labeled and labeled labeled labeled and labeled labeled labeled labeled and labeled labeled labeled labeled and labeled labeled labeled and labeled and labeled labeled labeled labeled and labeled labeled and labeled labeled labeled and labeled labeled labeled labeled and labeled and labeled labeled labeled labeled and labeled labeled labeled labeled and labeled labeled labeled labeled and labele

Castination causes servero psychologica and social devastation. Not only is the patient depressed, but his friends are affected since they know he's castrated ?

that of ACTH demeatures

In their value Gulderm was accurage to them and loading to a better buy in these hypothalam. Schuly bodd them Alexan Ulare University and the Versites Advantem to sover of thesase body and the necessary closed to present in not the subtem sources of advances from the subtem sources of advances from the subget and a load thems from Caleboar, base they he may advance so present in Caleboar, base they he may advance so present in Caleboar, base they he may advance so present in the Caleboar, base they he may advance so present in the Caleboar, base they he may advance so present in the Caleboar, base they he may advance so present in the caleboar.

With Galemina seturn in 1983, the univdential devices the two lisk check three rinds letter hardy to a two lisk check mode based too check if their to take in the compatibility of the take and the same and the complexity of the take and same the complexity of the take and same the complexity of the take and same take the complexity of the take and take take the complexity of the take and take take the complexity of the take and take take take the take tak In 1989 at Taccor, Arcona There, in order to arent a humding out-fit Gatherm declead the components of the molecule faith would prove to be THH (through cleaking homman). Schläg has autoing come up whit is cleaning all mino accids in 1688 but cleaped the background lifet. If with the thordiment on background lifet. If with the thordiment on background lifet. If with the thorbackground lifet and the background lifet. The all waters the background lifet. If with the thorbackground lifet. The background lifet. If with a state water the background lifet. If with the thorbackground lifet. The background lifet. If with the thorbackground lifet. The background lifet. If with the state water the background lifet. If with a state lifet. If we are also a state of the background lifet.

Man guals of broatly hard work the characteristic covery of TH- I her testingshortharms in elessing homore, is into disk to be a deal held with home has been been been been as a ministrate in testingth certury bology—in order logistic testing and the characteristic testing and the logistic been been been to be the characteristic been testing and the testing and the characteristic been testing and the characteristic been testing and the characteristic been testing testi

Schuly nailad he kay to votor key in making lang author of instrumy purched britist lantad – a two mitgrams – available for a dhemas in Neer averse to colling up has seenes and quivesting hypothalam. Ne wakinad autout his cold, Normitta and exemption the obstance of the control of a distribution of the obstance of the control and distribution of the with a winght autout in distribution of the with a single autout the distribution of the URIH molecule.

Banking resource that 'I' was one of the root layous moments of the life's on mounces (so the Uniforme Society in Sen' Innecesso has the SI' I' I has advant on the procession that had its contained are and others for a long's classman, who ask chemican of the contenence was compared to publicly and binking the technological sources that is not the technological sources and the contention technological sources and the contention technological sources and the content have been the word them that source hap bened to classificant's .

Schuly and his learn continued to search for other hypothalamic hormonia curring the Seventee, but ther activities had lumed increasingly to the synthesis of LHRH analogs—atucturally modified derivatives of the control hormone.

Any day the into balas composed to the end could, ended to both of thread to particular receipts as any into acts. The particular receipts as any into acts. The balance is a set of the set of the particular receipts and acts are provided in the set of the set of the particular receipts and the set of the in the set of the set of the particular set of the p Schafty residued an L-MPF antagoress pressed to be an ideal ferrite contractionine patients in the second decrement of production of theorems of the imperiodtion today patients and programmer the handle service and programmer is the handle service and programmer is

Mitculterminipping use (use for the ensporter correspondence) in the function is approtation of the second second second second second based of danges in the mature messale. If the second second

Instein diagoparteni. Bishaliy quality and accel Lifeti agopti hidi ma key key na any caractal Lifeti agopti hidi ma key key na Arrandan men new Kiy possible carbonic binni carboni was number one anong ki' kaisa ung carboni ong para il kiyan ol hitis becarbony ake na para key key ang banda na big agopti na para key key ang banda na big agopti na para key ang banda na big agopti na big agopti na big banda na big agopti na big agopti na big banda na big agopti na big agopti na big banda na big agopti na big agopti na big banda na big agopti na big banda na big agopti na big banda na big banda

Snoo U-PP1 agaristis provei almate an lang hear dinamia alia almate an oowarhens proposed to explor the pasadocoal infribute yithout to anity all claum his basis and oversis from an high. In the all even yisses, Schally has explored the notion of homone and now concess. While out now homone and now concess. While hear an outperformed last sector shall be on a production of the sector. Solid hear and participants and solid basis and while setting and the sector shall be allocation and hear concess. While hear an outperformed last sector shall be allocations and hear and processing the valid (vid all backies baseles), every segment with values an allocation and the sector shall be allocation and allocations and walks and allocation and the sector sector sector sector and allocations and allocation and the sector sector sector and allocations and allocation and the sector sector sector and allocations and allocation allocations and allocations and allocation allocations and allocations allocations and allocations allocations and allocations allocations and allocations allocatio

The devisionly control called work of spintheorems and terming hundhood of analogia and thin applying them to broukdhooding in water that is concerts and devisioning and control called the second second of the second of them to firm exclassing and the second of the layers and the endpands and call for the core obuse releasing and initialing forces of problem. A pailary formation exploration of problem. A pailary formation ble for mik production during pregnancy in warnen i tylagia suble side make bihasoci d bah seosa. He is commany his exploretion of the role of brain hormicnes in the conind of scipplin, sublets, and obsavily and has initiated a study of the effects of hormional feedback on the base certies of learning, mood intervision, and initiated.

Douglas Sten inforverwed Schally (and Consen-Schely) all the scientesti liao on Pendido Struet, midway between the French Quarter and the Supervisione

Onw You have spoken of yourself as an talaround neuroenclocanologist." Wher does that make?

Schally: By neuroendocensiogy I mean not comoub working with result or twelvil atterough but with horthwares control from the base But since \$75 whom stated my work on career. If we actually done less neuroendocensions with an endocensiongy. We've learned a lot about context, but my where and I see not neuropoint. We've studied hash

Cilve nover enticated the pail it's the best thing available But conventional propeller planes were also excellent for decades until pits came along ?

Intagloa beelve or thirteen hours is day and not by reading textbooks either but rather hundreds and hundreds all original papers to understand the subject protoundly

Other Waterit your research into the releasing homeones initially inspired by Gooksay Hence theorem?

Schuly Heine portulates hypothalanes control of the policity but fir was unable to obtain the cual is detances and involves bobgoot active (dathern mit - len) and Quitemen-assisted firsts from control assessment as deal My goot dealy actives the policy on controlstellin (Bricoupt neutron them and actives the policity of policy on controlstellin (Briphalanes) controls the industrie theory and had the been sites undustried the wealt here there for total

I depend into this field as an endocentoget, an expert in glands and then hormense, many of which are small probated called pacifies. I proposed to make imposed offerend dimensions, or annibigs, of these hormones. Hains was not enclosed in analogs, either in concept or design. He realigned that the brans comes shown how a law nel, ending up with a structure. The hypothalamus, which isself leads into the phuttery static So the contribution was entermail and physiological Outs was endocrinologic and bachemical.

Deer Wayweet CIP Evon ent 857 Schally Wa since year of the control top to noisy in the Pitters and Sincer ACHI in the market of the participation for the relation and model of the relation participation on and model of the relation participation on and model of the relation of the participation and the CIP Since AcHI is the relation of the analysis for large medicate the to be remained the participation of the relation of the model have a since the relation of the relation of the relation of the relation of the relation the relation of the relation of the relation of the market and the relation of the relation of the since the relation of the relation of the relation of the since the relation of the relatio

Owne: Why did you decide to work with Guilterren in 1957?

Benalty Guiamm minited me to come to Taxas I wanted to be he pattere all intol to be demained anos he tax ha wixes, and failar men But I now have no gareft with Salients. Were wey trendy. The wait is over-the aparement and Gamma is no out allase. Island hings as hey were because thinks the ways and he dened the isolation tables at two as birds intoly. Now theres, moment of wais ab birds intoly. Now theres, the same transmission.

Onner Why did you drop the search for CRF in 1982 and begin looking for meny releasing ing factors at cross?

Behally Vie docht know which could be boechtaft Thenweiwerendkouled by many people in the field Late, she will be issuering texmole, sone of them bat he hereby decent, and harmwill be pool get to the tome wave. Many word hereby was able and none widly recognized than table mappened and administration property to the other internet is properly t

Gener Way, day su more how the exercise tamates of THH. LeffH and someonement analogs of THH. LeffH and someonement generation of the second someonement terebolic the energy events for contract/tweet in between terebolic someonements and someonement someonements of the second someonement someonements of the second someonement someonements and the second someonement with an analogoetist that a given in meaned on the rescalant class class

Dur eingen all ann weis to und light mension for mension fortig nammes, end furname, ander these agents and ere hundled armes ander these agents and the the personne and energy agents and the second and an experimental second agents and agents with a second agent agent agents with a second of the second agents and the persons which a serveres agents and the second of the second and these on second agents and the second agents agents and the second agents agents

66 CMN

So we realized that the appricis might be oneer] Charles Huggins [the Forbes] is haa to eighty percent of all prostate canoes are stupid and criminally redigent not to

Onest Some people say your cancer work

Schafy Yes but I fael it's an entirely new chemotherapeutic agents, and two by mepanding into other areas of cancer treatbone cartiage and parcreatic cancers various costocintestree formation with ancentran types of utenne cancer

Great Way did you start with prostate

Schally. We clid some preliminary stafs at portion. Well we arrow I propiopate and grounds in endocrinology Later we learned diamate clinical proof that agonats could

Cress. Would you and treatment with the an

Schuly No no no Teatment with approxiacetents, bouch, after you stop overgithe slop treatment any more than you can slop owno inaulo to a diabetic. Were worknown peuto agent and our LHFH accrist that could lead to a possible cure in a few vests.



FOLKS WHO WORK AT JACK DANIEL'S go out of their way to drink the cool water from our own Cave Spring.

We only have two fountains. But folks could be working at the farthest warehouse and still find an excuse for getting by one of them. So we know our water is good for drinking. We also know it's good for Jack Daniel's. You see,

it's completely iron-freeand iron is a natural enemy of good whiskey. A sip of lack Daniel's, we believe, will tell you why we all appreciate our iron-free spring.



CHARCOAL MELLOWED DROP BY DROP

He kindled children's dreams of flying and defied parents' darkest fears

THE KITE MAN

IN PERCIPEINAL UNN

Sam on the patient as the paid offse with globe-that occurry patients and of yhe about the second second second second second second second second to be second se

They events' lowely kind, like frace I saw in a gin-dogo Chemes public took I fook horne toor the likewy rush Anchofel Kost his and your heve to begin your writhen to chee you claves to the dree state to buy when he wind lowe wheathy, and your fitted a porter legar and held tup approving to set the wind speed. That is where the kilo methadour As speed that is where the kilo methadour As speed that is when the kilo here the wind the speed that is when the kilo methadour As speed that is when the kilo here the speed that is when the kilo here the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed that is when the kilo here the wind the speed th

That is a bright one. The paid in his painduat voter when I held up a reamy-velow one. "Nou get that flying and you'l give the sun a worry in might be loang its job. We hend Bity-airmen held up a belificier gainy kee and unvestoped it encough to show up a uni-toothed fighter plane.

"That's the leta we used to fly against the Japs, "the late man baid

After we exercised this bases we can here or guarant from our motives to all the dual per guarant from our motives to all the we went to the our page with the the our man was advance. Two see what hand our man was advance. Two see what hand our man was advance. Two see what hand the time and the our average and the the time. Tous aparts the per and the set of the time and the time and the set of the time. Tous advance the set of the set of the time and the set of the set of the set of the set of the time and the set of the set of the set of the time to the set of t

But he would tell stones.

Once in my better its lives in the Navy and Lives to go all assume the world. "The day the kills man hacht shared. His eyes disht look at us or beyond us tout a it spoche distance mixing obtenen; and we tried to focus all this distance. Ico to see what the saw. All nits chattings too to see what the

Every ame our ship louched port id go achoe and see arrange frings. There was one town where the men work cold pulses on that heads and walked accord with cares that sprayed out lea live goater house. In another town, on their main street clust rose up and spun in hundreds of three-too-heigh whitkings, and dogs welled backwerd uson that fills is lose dator. To was in another town on the other sude of the world that I learned about sites. Note there did all extra of thirdy. Termes tunks them to hard back and people in town used them to send meil Theme were likely approximate and to the methophace for a few world cohies, and hots that would fold a doctor inyour townsis welled.

The next smalling kite was a lough one that used to take on challenges in the town square. I immension one very hold and dry alternoon when I must ve drunk a galon of this lemonade they flavored with cirinamon how exert this weet.

"The day the kele laced theon solvedores They were huge and their maxies buyed and were trin down their laces but in the end all Misen of them was lifted and flown around the square unit in the ket was blod them back to Earth. Then the lets sloped into the and swooped part us as evenyone applicated Whet a show!

that kee I want searching it out and came

He was no longer simply the kite man, a comic figure in our carticor monegone, but agen a young man counting a rose of a girl on his way to adventure and war?

to a stop lefer in the bozer positive costs and analy and the guid-baseline mechanic at the main, that the guid-baseline mechanic the main must have been near thirty— stood over a long wooden table let du whit dath costs word timms and twen On the wala were kine stopped live chapper, butrahes. Private cargets were what bath had on them the tables of special people in the turn is hoth environ who keep other main tables. The main same was Appaset.

"I told him I d seen the stevedores fly and asked if I obuid purchase a kite that would do the same thing.

Why else am I in business? Aspassh said But they're not cheap Sill, an Amencan saide i he haan't squandered all he weiges down there—he waved to part of the bacaar you don't need to know about—he can always afload one or two

"Well, lookit alferd one, and I bought it. Angaseh gave me a brief lesson in corrioing the ramburchous kiel and by the Imemy sing helt part I was able to gait to carry ne in five-foot hops On the boat I paractooid in secont and one right I unreled the kite and firw all her end of its tope of the port quarter for half an hour. It was a clear right, and the late and I were the only chackwe before the stars

Whenever Liteturned to that fown i visned Asgaseh and bought mass of his maps littles. And a law years later, when i left the Navy I had---well. Thad a number of them

The source to increase when happened to them, don't your? I consider on a tot the himstornam museum Wardington and they were very general, tot at Anahors I and to the Galast Bararan, who uses it working county bares how England. With the rest I cound that if I cut as part of a mapse isles and sected at the a regular tot. I would need a source and the a regular bare. I would need a source of the a regular bare investigation word them. If I that a googer of mission (mail) has I them about selling them one—

The late mans voice hand off, and he looked at us and our eyes were large and round and we were very quiet. Finally Billy Jasmine's sinter Mary spoke. "Do you like us? Could we buy a macie like from vol?"

The kite metric gauge lasted forever. Then he said. We Acquisely said to me these kites are not inexpensive. They cost a hundred large unal my resultar kites cost.

Durbrains whiled 'The' would be twentytive dollars. And yet there were seven of us, and so not much more than these and a half collars each Buddenty a magic kite seemed attancole.

"I see can save the money "I asked, "when can we get a kdo?"

The five man locked long into the risy. There evers our clocks which dial alrey; and the sky color was paid blue. "The later in the second and I keep my mega kitter latlaw inter I wort to black log blue that until ofter writer Built if you save your money.....f you give me a this bit lost on week as I come by-mbin I will bring you you inter ned spring. That is a comment.

Well view were to exceed that although verbought times regular his, we focus where hard blie affector in flying them, unhards they denred thought the sity as inless do but on the ground we kept running with them, well up to feel them to gue sho the are that here would heppen which we had a new (mego late) that but come trom too there side of the world We put are impair lates areas

The next time the kide man drove up in his woody we dich't buy any kides aust grive him our quartient. He pulled out a leatherwrapped notepaid and carefully joiled down our premier!

Good good "he sed and that's what he sed each arre we cave him money

Then the kite men got into trouble in our neighborhood

The Henrys level in a cui-de side helf a block from as and Mr Henry was a mileman and Mas Henry stayad henra making but/side out of oow home her bethern in Chacage got her for a good point. Mi Henry was afted dark, and gutt, and iss militation unforms always lobed too while and oo topin the strateed the but/site. His were should be ultim lobed yourn and head was did bether She always wore asserting toght and parhuge wore gritten a privil law yorking or called need tester. Although the Henrys randy wert dur, you could be all wite was born to any and arrise if you could be all wite was born to any and arrise if you could be all wite was born to any and arrise if you could be all wite was when all we entertained servicement at the USD as Stretchash many we will be her lipstick as you took to poin the motobility.

The idea man web by a girt our manage one alternation were Mis Harting curren paids on her expl of the hardware state for some line surphasper for her buttime. Bit the bit bit alternard attased at us Now the horm mus not lixed by the adults nor current bits her way the party patient min was—The party party and alternary the duttime nor block the man field curre—and if thought she was not lived by a dutternary whether kite man field curre—and if hought are was not live circle in alt gend min waky when the circle in a high spaping voice. "Podme—Rother ware si that jeu?"

The late man had been bending over so we durithave to hold our money up to high but now he straightened, and his chin siztemple grew sall. "Majorie Humout?" he asked

Yee, it's me, Mrs Henry said "Harrisbut indeed fm Marjone Henry, now"

"And you live here?" The less man was incredulous

This is whata my big hero carried me after the war. And Wis, Henry loughed in 8 way none of us children understood.

2% boat---

Ton years, at least. Mrs. Henry said. 'But Insmember ritike it was yearship in two the right balana your ship left, and you kept me out danong even though I said over and over hearts or better.

11 didn't believe you-

Well, you made me stay, and than it started naming—nemember it was like a load—and your car get stuck, and you just wont me down—

The key man relaxed his chin and smiled "If never toget the look on your tabler a face when I general you up to his door through the mud."

"I'll never forget the look on your face! You were acaned any?"

That was because I was worned I d miss my bont. E left at room

"I massed you " Mrs. Henry seed

You married spent

Not seen. Put you clide t write

"Yes "the kite man seed, and dropped his

Both of them stood quety and we chidistinfait furry, as you do when your parents are tighting, but different

"You look the same Rodney," Mrs. Henry sect breaking the ice. "You ve tilled out a little --you were always such a simily bean.

You look just the same too the lute man

Young and beautiful? she laughed

Matjone, can I waik you wherever you're going?

72 CMN

Mis Heavy's eyes turned in for a moment, she bluerted. T would like to see you' she and source "Cash meet you for tax in half an hour? That's three therty. But not at my house—at the context shop on the context of Em is the all right?"

The ikie man stood stick straight in our syse, as it must have been in Miss Henry's and over his own, he was no brogsr simply the kie man a cernic tigure in our cartoon meregene but again a joung mini country a rose of a griron he way to achentare and wir. He noded at Miss Henry

He began to these basis waiting only taken to basis a Briefand several basis, and a toder oper and he came to our neghtbortion mark more dish. Thought gaste we to the magacities each two the wait here he takes whatever many we have the the ways for bothers marked and any or bothers in their and the takes the sponges on the May Journees guident here sponges and May Journees guident here and the several several web web web several technics.

 He cast his eyes up and down the streat, we looked at the rows of houses, at the kite, then up to the sky, and I thought of my Me, and i remembered just ange and angush?

But still there waint incough and e was one attendon when my mohier was out back birrening the azeless this. I shuck not my privritis bistbacen and clug out har com pusies it was right in my hand when sho walked through the door her yew dropped, and shis alloculat. Steven what are you cond?

Thete how the story unswelled When my permana loan of an at well yell on this block, was general loan of an at well yell on this block, when general they not well being noticed. They foul hy and his usamma, and they load he houses and here store they'd leader they load he houses, and here store they'd leader the cul-scenes, and here store they'd leader the cul-scenes, and here store they'd leader and much means of the fact that here are only in the meaning, when Writer years also be make on the miniceles and the mini-celever van .

"Then held Marcone's special friend "

Stock test cred timblacers?

No one did it directly, but soon Mr Henry tourd out about his write and the kille main his pairs Mrs. Henry a link's spat above her right eys, then stacken with share and humiation. He let his house and went to his asses a in Portand.

My father punished me hard and

grounded me Other kida were geounded, tex, and each day that weak atter school our strake was qual. Though 1 bit bod to having stolen i—and the rest of us—minet under scool what view we did worcy. We just steamed alone in our separate homes, borted and anony.

On Findly right-our parents got soprither to take about the knorman and they decided they when he next came to the neighborhood, the least they would do was get our money back and then make sure he news came here again.

On Saturday morning he was have, oftessed web, contany long longers out of his woody My mother sales him through our picture evidow and can to the phone to del hell-edgers numbers and livent long wincee and proceed my face against the chilled glass

Than my batter stepped in hort of Mirs (enry, moved in his hands which, like his warred by attp: her but was altable to fouch my nother distribution to topic the stepped by the society and the my mohar was gaiting like in woody, and my mohar topic or herd, and the societ and my mohar topic or herd, and the society and in the history mohar and we asseme, prival mean but my shart and Mir. Jamme, prival mohar to you obtain and Mir. Jamme, prival mohar herd mohar and my some mohar herd mohar herd mohar and my some mohar herd herd

Everybody's mouth was opaning and closing hugely

Enally the line main was pushed into his woody He started is up He load he key too long, and lines was a region, grinding sound load with engine knock—a sound ful at hairt, not of a car about to go somewhere build somewhen being destaved.

Here weighted give the money back," my tafver said over mecanini and choeses that registe hit is because of his host-hand. "He said he had a deal, and he never went back on a deal."

"firsth," my mother said. "A deal to chost a bunch of heipless children."

Well. I'm sure he's gone tor good," my father said. We made it clear that if we ever save hat staged wooden oar of his egen the police would be here in the minutes. He won't be back: He knows there is a whole book we can three at here."

When the late mas care back we dhiden was ready for this twatto Introvem day of spring, and we were playing cristel desceld only in selecter, consisting unmalited max with our snakers. A back, ling preserve beer ton the south after functand Tm same I wien't the city led who was thereien of kinds.

When the woody turned down our block, paravalochiwas ne

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74dio@#\$%, Bil?

"is that %\$#@ you, Jack? Are you #\$%# using that cordiess phone @#\$% again?"

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Figures is a second and standard of GPE Sanot Communications Corp.













OMU: THE TV SERIES

BY BRIAN MCKERNAN

models test were our origin the galactic occent in our future. Molecy between we probable particle class of which a donner We town to him and galacy occurs—the doal model and doal donner. We town to him and galacy occurs—the doal models and the second second to and the date that energies is depended to we arroup the date. Formities preservices of particle were set and intervent to model to be built were on banded preview to a tail an instruct formities pretained and preview is a set and the theware indexes the date. These and banded preview is a set of the tailware indexes to be." Other and the set is a set out of the takenes is depressible to date.

Typ ligh Lindermalar brith exponenced reveals humans inclusive atthing for water and die an enhanced Landsat were of southern Floride below a space shafte radie remot of the cost of Alexa Guines above and next full watching haves of copheres and the starts of the starts and the starts and the starts of the We've obtained a clear view of the future by looking at today's leading technologies.9

sociales politinis the human points and development that userus an automaposition any Number of the Sing that there are elevance produced - condex if its angoing that years of the Lanax which a uncorrection on Y Motey. The except popole "States — summers the beneficial and promosed manaria for years the break foreign 2010 all Nat Table Lakes wavere on a tour that includes does in Vedeo Sport O Motoria at a run of the grade does not that includes does in Vedeo Sport O Motoria at a run of the grade does not that includes does nature to the magazine—its biok thins: beselikit, prospective, and based on human outcomers." Development and states 2000

Brites the birt's fury as seen fort an orbiting probe, near right a shutte astronaut begins the spacewalk, for right an artist's endering of the rings of Sature module right an endpoint and formation on Mans, below right a participal of Japane from to there to be the second seco











Is Soul Transplant Possible?



CAN THE SELF BE Re-created?

Descartes, French philosopher, sand that the seal of the soul is the pineal gland. Was he right? is the soul a thing-a guality of a particular organ? Cauld such an groan one turnen to another?

What is the relationship of man's self of consciousness be manipulated-and with it our awareness of Self and of our

Such is asssible now-but by means of a

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The ROSICRUCIANS (AMORC)

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scry of Late.	
New	

ONGBIRDS

one of which he would approve Just a long-

The flight to the hospital, over the dark.

They few low-enough in the small aircraft were big cats, deadly snakes, solders the

pitel it was a small, when building on the the biosisoms was so light and buoyant it

stervened trom her dense to steer herself

"to make" he sad, "here ad he a creat

narrow lingers, as white as chifwood with hands, and the arms to which they were

We can only give you chugs up to a perbusiness-a series of operations in factand we don't went to send you put a mor

What sort of entiruments are used? whe worted to ask, but was too alted of the anywer to actually do so

She meaned unly steel clarges yaves

that there-can you feel the cold metal assenst your akin? The plates phoong the in postion-whitel-about conves the weight

"Of course, once were finished with you you will be all even more beautiful than

That's what I want I don't care about the

Not anort but breathtaking Will sinaghtan cut any defects in the littles give you a rawine that Gleopetra would envy encortwooltham amilbeing pobline?

word break The other words were line. She pecilid take terms like strangtdan the Entite-

surney the heat or something. Please don't

Hisr body was alwo with fooling as foloctacky were coursing through her years inwords as he began to cleach be what her exweihed she could leave now and there

scriptore of the lothcorring mullishers of

Attent the pain was a patchy dult teeling, en

At mote when she was left along, she

pletaly her while being. There was nothing no brain no fleish no bones no soul Just

She ned, with all her willpower, to remove began to sing to her. It called in the brick from beneath their waxon leaves the fabric

In a creat, green here hogs and the boorney back from them enablems it supports, it persured that and/only the support of the the roscos is ablanced to the blacked grantees for its order. Where it had grantees between the blacked back with the support of the black and the breek hogs, and inserts and grant high any plane of also provides which to large high any plane of also provides out the transmit high any plane of also provides out the transmit presence.

Torrentow they would break her legs. She key back in her bed unoble to move her head beckues of the clience on her jew. Her ama were compiledly heated. The plasterhalter them pole and hin with the risin flaking off. but the clacter assured her they would acch look normal better than onemail of course. Therh her jew hist been asshaped. Their was alwed heated.

The surgeon was insistent she wait for her legs to be remodeled, even though she skid him she wanted the process humad so that the could get back to Philip. Her lease

Delinew the work gene way yell a careful free of a care site mew rear the mixer oper scheme her rose. Impose takes and eass (MF Would not need to cave in how upy easy work would free takes memory and the stargent hand saur memory and scheme takes and take take memory and takes the startistic of the fore about net reput, where some of the fore about net reput. Here show the start is the start of the start of the takes the start of the start of the start hand takes the start of t

Sweet pain? What delicious strains came from its amail mouths. Sing is me, she whispered, sing? She needed more and more

The hands haven't gone too well were comp to have to rework them: he said

She stried as much as the wee brace

"If you have to "

'Yx/e a brain woman'

Thry to be "the replied drifting off into her other world, the real world, where she locare barrell. Her actual set?

In these deep reacts lay the quintiasent as parks of barry, where she was put in Arla 10 roads that sparks it was necessary to a store that the sparks it was necessary to approx, or participation park. That was her vehable to that there was the power, the runhable to that there was the power, the runhable to that there was the power, the runhable to that there was the power. It is habled as understand the contract of the unverse to catange to find that all cales was the case that nectors that all barry was the case the nectors the states the earth

Anta and her pan

"How do you feel?" roked the surgeon.

She smiled 1 really do leel like a new women How do Llock?" See for yoursel " He indicated the memory on the weat, but when that atmosphatu and pensel for hours tables the immory net toom The sectors were now multible the termines and busine grow. Bus back day to the sector tables and the sectors of the sector tables and the sector tables and the sector tables and weat attackating was the whole body was attackating order in a proportior. The was attacked profile on a proportior. The was attacked profile on a proportion. The weat whet he had denied for so many years Bacatly about the

"I'm very pieceed," she said "I really haven't the words to express my thanks."

He held up a hand "I ve been adequately rewarded" he said "We don't do it for love of beauty—although i schen to being proud of my at: And I muit congrabilitate you or your courage. You withstood the peri with as much thrularly all vie over sees.

She shrugged. "It san't something i'd like to go hacugh again ' she led' "but i'thrikita been worth it It has been worth it 'she has twi amended.

They shook hands

House a very basufful woman. he said in a voice that suggested he had lorgofter he had created her

Of the drive sway who basely tooled as the frees, still dropping with colors. Then blooms no longer elevened her Nor dollhe birds upon their branches. She had her own ockers, her can scoolars is.

Phép was skaling by the ext of the apport anival loarge. She saw him from the far ade of the room.

He was looking detactly at her and she realized that he did not recognize her He looked away and began searching the faces of the other passengers

She began waiking loward him Two more he looked at her as filespecting sleep from her to be that shak wai Avis, then back to the other operances

She noticed his expression was expect and but calm. He thought he had no need to be anyous. Antia was supposed to declare hereaf. As she draw closer she almost was easiling for our ope

Hor heart fooded with emotion: God the washes ble Neverwould she have the same soliting to any other man. He was every thing to be: Philp: Even the name was enough to fill be heart with the desire the possion. The lender lendings of love.

She needed him, wanted him above all else except

The studiot his gets his too, he cachelegensism as the parated him and then word through the rate has latering about despirations but here are stranged to the his discours pain. The emotion largery was equated the transition for him these her were. This was beauty the despit the word area of partical pain years beauting the his was beauty the despit the sotary of partical pain years beauting was provided hard their comparison exactly as the other of main her comparison emotion beauting of main her comparison emotion which of exact pains the too pain of main the comparison emotion here and main the comparison emotion the source of the start of the source of the source of the start of the source of the source of the start of the source of the source of the source of the start of the source of the source of the start of the source of the source of the source of the start of the source of the source of the source of the start of the source of the source





They labor in the bowels of government labs, searching for waves to harness the mod





litter of newborn litters ing electricity to course

lory free fights above. Fine 'i saw L' clems August week run from her head to an Stern, e physicist who had electroencephalograph With- worked on a different project In the mechane, a bank of wig-ging persistatches a proces-sion of thin, pagged inter-the definite effect." districtive signature of a That's not all Stem says he

Mikter of needon kätten ing electricity to course queets in basement in the provide the metal bas. The temporal provide the second provide the second provide the provide the provide the provide the second provide the provide the provide the provide the second provide the provide the provide the provide the second provide the provide the provide the provide the second provide the provide the provide the provide the second provide the provide the provide the provide second provide the provide

mammakasibian at rest sow. As a researcher in a So-Back rithe basement an at-inersited biological sources and source and source and sources and sour

PHOTOGRAPHS BY DAVID M. KENNEDY



watching one payched try to make peccie ball nom a bus and another interest to int small annaus at a diseance. The descence of the lab. If not the persons experiments, morenive has base coaff med by sounds as diverse as a former KSB man and the US befores Intelligence Agency (DA).

The benuin life Serie says was part of a larger Soviet offort to hardness payotics pheromete sometimes referred to as pair in fact at loads four tanks over the last 15 years. Avences mistery documents have avented of aggresser Sowet use of the parameter of the periods at the part of the source of the the source of the part of the source of the the of the source of the the source of the source of the the source of the source of the the source of the source of the source of the source of the the source of the

Are the Soviets doing military research in parapsychology? Could a psychic in Moscoar vow missile installations in Nethraska

erale the magnetic memories of our habors computers? Could Soviet manafasts comday manapatents? Could Soviet manafasts comeng? Is that what Neisa Kharafacher had m mind when in hypositio crysto centric he predicted that one day the Soviet Linen would mult he workd by interaction.

There's plotty of evidence to suggest that the answer is no. Scientists don't know whether psychia phanomens avait much less whether some theil empart is using them to control the opposition. And Sowet officials won taken comment on the subsolt.

But regardloss of whother the Russians, there maked our the Soviet omgets were relativated maintain that induity shared in the subject of whote sparsmark of kost 30 branded and shared shared and the subject of the subject of whote shared and the state based on the subject of the subject of source Debase Department reports on these and to kort or the subject paybolic and the strue Debase Department reports on the subject of the subject of the subject of the subject of the subject paybolic and the subject of the subject paybolic and the subject of the subje

The story is on grants of its also complex in order to just many of the process topetram-anual increasing picture in the story of weaks the story thread with a picture in the mining also pictures and compared downers accurate in the first excellent of backness in the first excellent accurate in the first excellent of backness into the first excellent accurate in the references to also also the intervention might electrate to related in the intervention of picture, and contact in the intervention of society, a story accurate in the intervention of picture, and contacted in the intervention of picture, and accurate in the intervention of the first electrate contacted in the intervention of picture, and accurate in the contacted in the intervention of the first electrate accurate in the intervention of the first electrate accurate in the intervention of the first electrate accurate accurate

Much of the background for fast story correst tion appetricing in Neuron Kholekov a man networkly acquired and the Sovial milliony and A former case offices with the KGB Kholekov seems suppangly being thes short and corryl, tilling has small office at the California State University. San Berandra withingthe and warmh Cocasionally he atolike (is snow-this passe or runs in the Engers Though the grant Cocasionation suppart a Russian Buil levis. Bit hyper sharter code code to have a bit hyper sharter code of the based and the sharter of a coverage stress in MH and an error of a coverage stress in MH advanced by the sharter of the sharter of the same of the stress of herein which a coverage the same of the stress of herein which a coverage the coverage stress in the shart of the stress of the the same of the stress of herein which a coverage stress of the stress of the stress of the the stress of the stress of the stress of the the stress of the stress of the stress of the persons of the Garran coverage that persons of the Garran coverage that the stress of the Garran coverage the persons of the Garran coverage the the stress of the stress of the Garran coverage the stress of the Garran coverage the stress of the

After the wer Khokhini took on several assignments the last of which included peoring as Josef Hofficsuler an Austrain merchant. It was 1854 says Khokhini "and the Russian anticommunic movement was joblic energy number one." The hoad of thet

Thair work, strictly classified, included a nationwide search for local healers and psychies who could perform under strict scientific controls.⁹

movement. Beorg: S. Okolowith, was living in Frankfurt. West Germany: Khokhov was senited deed altern of assassing who would insider Oliviavidh. "Nerminess."

But Knollhov was unable to go through with 4 and agreed to publicly defect while Annears agreed to publicly defect while Annears agreed to be anneared to be the outsdy at the LIS embassy in Noscow Roshitw fulfield his part of the anneartime of the sources and his mission be larger to first annear the site of the annear the first annear the site.

But the Americana boldred it. They never took custody bil Khokhlov is family. He never saw hat will and child acres.

For a low yatas introlifer sugt the twin a vegotable infinite amfersty housing the United States and Vestern Europe. Buthad with the Denas her enroled in a thewritely there her not J. B. Hone the denawritely there her not J. B. Hone the dena of Amonican parasociptiongs and in 1088 he wrote a semiral paper called. The Histahousings of herapocyteic organ dim to housings of herapocyteic organ. Communium: That paper and Shoether's networks whether in Shoether an expection.

Drawing on that authority Kholdlov de-

soches a storlion toolin toolin to carking of whit hairs of arrow willipers being storness with a regis bach. Dang the intersent energy the validom was instructed by the Research types and to along with material and the store tragets taken by hypothem, which corre tragets to the hypothem with corre tragets to hypothem with corresponding to have a pownology and passage hypothemy the have a pownology and passage hypothemy.

That revolution according to Knohhov mlenupled the research and lower changed is shape. Manorm danes the existence of anything so vague as pai or the turner spirit, he explains. And to the new Soviet leaders balant in the paramomal was toolin at bott and countervolutionative of worst.

When State deed docens of researchers lee typelex west public. The feet disepublic, says (hoshiny bit hey don't pubther need break unit #55 when Ahushcher the new Sovel suadar make a goodwil avergithough india and marveled at netree yogas. Khoshihov asys, Khushchervreakmed and decered. We have to have tor own you-ahomotor?

Rivializations declaration was effective and by the late Finise the Central Commiter has begun recularly scientists to staff pastophychologicals. But the finish widowit camed report of company social in the camed report of company social in the camed report of company social common company. The science of the research of the weeking to use the next Beltmore to a pasteringer on the submanner handling bond the bandwith Arco so

Wettern experts domus the artcle as a hear. We don't know anything about it (the importied experiment): says Glern Bown, manager of corporate communications for the Weetinghouse Defense and Electronics Cambe, is Batteriore He asys that the company has never drone psychia research

But reaction at the Norman was remmacent of the White House response in table when the Sovers launched the that satellite micespace. In caused quite a turmol " says an amgre physical who was a graduate correspondence on

82 OWN

and Vannevar Bush were told that the vehicles uame from another solar system ♥

ANTISMATTER

Anterprote any Alexa of the instantial to accurate the instantial control of the protein and the accurate accurate and accurate accurate and accurate accurate and accurate accurate activity of accurate accurate activity of accurate a

In the years after the Second World Wer the story goes Sarhartwr sarved as a

spance costultant to the Defense Dependencement's upon Naearch and Development Board. He was in his Warkington chos on Secondaria (1950), spens, when he toowed a vert ford Caradan elektroate angever Witchell B. Smith-According to information released by Smith Just reports was han that Schooler revealed the explored of costino UPOs experiment, proster (revestigation, by Varihoval Bush he downment) a box stefras

Is a respect interview, Software how need of the Weekright instaud of Technology continend those monitors he usys the during his pared of government terminates he are year need - used of a runneers — he was load that the wiwho werved lengely, as voluments — he was load that the wimote were concepted of an entraney left and it wire how to tratework approvnity intervied to withstand itemendous acsemantion and observations.

All one point. Sarbacher seys the was even invited to a meeting at Wright Patiension Air Force Base in Dayton. One



UFO UPDATE Note that the course of a long statement

all he cays Thad-and have-a great many more provring source to responsibilities with I could refor you to someone who was more directly involved than I was he edds Unfortunately hely in all long gone.

Wage Willem Mobile who has been chasing government UPC secrets to years condons Strategins in terminory significant. Its the first time contener with a repulsion has come to wind to a sale publicity that the Partegon has a recovered UPO he says "This is it proof of opmere build like in with information we have from other acutes.

Informaci of these claims. Tempis University history protessor Dowle M, Jacoba autorio di The UFO Controveray in Ananoa, admits Sarbachera cinederiata ani impressive but observati. Un't aometody can produce ani actual crashed aucori mis la neoraxy ovidence. And new can he task co cessory about someting that works fixed to be the most sensarizona ameri na din theory. 2011;60(E-C) ABK

the investment to each anises connected with the Research and Derecomments and and astroches has other scenations and and astroches has the reso ing Buch and noise mathematicus difficult og Buch and noise mathemathemathemathematicus difficu

Asked about his reaction to the opeode Serblering askerne oddy place. He ad may he hasht gover much thought to a matter most popple would consider as teordoary—he considers. striply a co-



The second s

What is lowny on test long and aktion the Brider lists devouring lambs? Thats in outside borner assess on writer Michael Boss who hestafied 70 such oghtings throughout Britan over the lost lan years

In one well-sub-proceeds appearance (beta says the creature killed nearly 100 sheep in landemathurdh northward (Landen Aucording) is a local bus driver and Rays Marine science, date sent to sheet it. The beam bolked like a large stog. But others matted that the near amount of as food assertaied the work of in call.

Another large basis apposted in the summer of TBE2 Gogs rebails in the Robard Manahas wast of London The annel standor a water complexity for annel standor a standor design article one aber oon and a few days later of large of few days faither thanged from a headprown in for to a post etby. A call on a dog? Again an one chest on a dog? conte douto be suso Fundio las in 1963, dines intenses consulta feld (asses, savira lange animal lear Horndon, pust a mile rom Foblang Marsh, All werure that the beast was a worther.

Geas concesses that even the best withoeses can be wrong. And he admits that the wrong which are could be no more than a regend here the alligators and to twe in New tork City a sewer system.

But he is detunied by obusing of cost have tanded to demain of cost records in one date. Costs records is standticide partners each at Exate was to uphere off when a grange convert found in shar, Labradon ashotival a month site. The dag was doubt fail—and blind.

Throughout Brislen Goss concludes people think they are technique a sam case and doops. "If this is a new folknas we ought to know if it is lays."If it is a zoological or paramomal fact than it is even more reserved that we learn what we can

Beauty is something eorderful and strange that the enter freithons out of the chaos of the world in the poment of fire acid.

N. SOURAN WRITTEN



Arrest a long coy a climb into the Cauciasia Mountains Victor Kavunenko and four fellow Russiane pitched a tent and bodded down for a well-earred rest. Abs. It

WOS FOR ID DE

According to regords in the forward press. Key, newho wolve up with the footing that is transperified media his way into the test. I thread his way into the test. I thread his bag. Kasiwareha is quated as saying and thread autorol anget yollow todo was haten about one meter from the test.

Is the next instant, Navu hank on elisted. The blob despipeend into the selecting bag of a commade who screamed in pain. If then reamonged to attack the reat of the mountaineers, one by one

When it barred a trace in righted 1948 an unbearable pain an 11 were being aburned by working machine, sale the test field they passed out service they passed out service they applied and the other test had based and the test had based and th

recently been cutstoaned to

crease in the West. The Binteh Journal of Methodology which allocities the encounter to ball lightning admits that 1 is stymed by the deliberate nature of the antaco.

And laser physicist J. Date Barry, author of Ball Light reng and Bead Lighting casts doubt even on the ball Johnnig intersetation

The ling of as in the ways most of these reports about the lightning are seen source to be scheduling complaining offseter is the case ophrase there into was partaget and retrief was partaget and retrief was partaget and retrief was partaget and retrief was partaget and the source they most book which most book and they and have athorized what they and

ve never heard of an intelligent bail of the like along one that beeks someone out and base from internoonthy Bany conductes i can only describe the whole hing iss bizarra—though unders vable might be a matter along the solution.

Patro F Ferrives



AUTI-MATTER



ADDRESS OF TAXABLE PARTY.

Loang your hear their they have its companisations is one law wants the rest of you And Swedish projectuates wart Luif Stanbarg (Above) the world's fourth recipient of a Janvik 7 arthous heart

The Mysthee year old Benthery 1 stars out a more thin all behaving burnhassmen. If his ounstymen profile test and wear an contrary motioner. As many as 20 years ago: Sweddith rewspapers called thirt a centry they we described her as Backhorns a pacified her as Backhorns and a pacified her as Backhorns and a pacified her as Backhorns a pacified her as Backhorns and a pacified her as Backhorns a pacified her as Backhorns a pacified her as Backhorns and a pacified her as Backhorns a pacified her as Backhorns and a pacified her as Backhorns and a pacified her as Backhorns a pacified her as backhorns

Legary Databarg operates a complex returns of finantal companies prinking in the mail costability of the flegary Sweddshill aw enforc an data in the tradit return of the bear country's prostitution more highling and the finance in the highling and the finance in the walls of the public principle of the walls of the public principle of the evaluate scene 544 000 in table. cost firm six years in jail but his health has been too plaar for firm to stand that

nue Sigberg says that Sten berg will be theit as abon an to twe incourt But ac control to Stendards, it says the law may be under a says and be convicted of breeting any law says Blockholm staturers gare Recentaria. He exerned even to treet Minantee and an occur

Bendfort ter vis sightly cardia skift for the disurf and the second interfuly where is was semicistic assoch hours is specially with a second second

worth Chil ont

I could not think or feel in the collision is, unitying sense that I ordinently do duit I correction thought and Act —Carlos Datament

INCOMENTATION OF TAXABLE

merclonsnernal Travel Systems - Elan Diego is the savel agency with a diffesence i matesti of shephanding isi-chaped Nethisakana asound Wakika and campos toting Jenerytes Incough Pers - I stabges theme vocamoss And recel popular accol or in the Marcoln Gary Rundouxi is the Marcon Weekend three days of solving a staged crime for lowed by a lour for lourists with a twide for damar lon.

Cost April 3041 I says Rundoulet Degres at the Rundoulet Degres at the Royal Alborn notes: I thrathion England I in the first light thereas a fee plant o constituing at load in the morning just to get people into the mood

There served on a found date, the or puese at private the outpuese at private the outpuese at private the outpuese at the outpuese both the private and the outpuese the both private and the data server the server at the data server the server at the data server the server at the data server the datas kinds modi famous musée aites incluiting he Denkolok Hermen Nut tha Potession Moanty Aka the London Potes Department cannent and Societano Varia Black Museum of in under cates Other Neural of the watcher Museum of in under cates Other Neural of the watcher Museum of include a lawy Martin Corpor Digits House of the Dissignification association and the Inselming with Neural Institute Corporations and Martin Co

The 31 600 west to the works of the Errajich mystery may be the thread lagency at cert solar but is of the only one. Our bart year wetter many of Errgands famous heuried floores and cartee the asys "Everyone second on they a Westpone second to may a Westpone second on they and the tabletet on that again it more people are interested.

TATE DATAGE

"Call it remainser call it love you did it. Now pull up the blanket, I went to slimp."



AUTI-MATTER



Traded at 11

For as any self-massing kodh can remember people, ma last nerre. Tray of sav Robot or Coe and with ma petersoig golwing sver trinner ho would self them conect them. Colain the would tell them. Colain the

Enally, Iaal November in what must have been a sudden lovanstorm. Koch booked to change his name and do away with the phonetic headache that had been plaggoing him all hal the

te did-to Coke is it

Enter the Code Cola Company which objected to the use of a trademark. There was a sense of appears and operatorized as a software application operator income application operator exchanged harsh words footh grave uppeal.

Then a victory of sorts---for the little guy The Coce Cola Company allowed Koch to keep his new name but they barred him from the Gwy Kooh—or rather Coke is 1 accepted the terms but none too hacoly

A set proces med chain plon of the boor the weak and the downooddah one is it fait, but his experience with the Cool one company was upt another example of the table guy getting the thest and of the stuck.

Corporations crush individuals the says and i mean now to make that the issue i'm mad enough to the bits thing through to the bitser and

For Doke is it that may make using his name com mercially. After all as he sees it its the only name her get

Religions die slowly



It and which inselspont allows mark their presence is earn they may burn out to be porous creatures maximum contains and an assembling occil or sponge That as least in the opnion of Barrino U Jowanshy hmys call Receard Baceweit who says. Take no hasker why says have no hasker why both opgy could not control tochnogy smiller to ou own.

On learn teachead or denn tweig coste and sponge are mineral shuctures inheaded opinitiones of sample line toms. But under utiliteren e-voul-charty proum stances these communities could organize into complex bandps, watch one funct orang the altern.

These things would release and on opposition to be and on opposition to be and which release the and Brockwell states. They wouldn't need mobility but most seen to have how to have the these to have how and do were. Back one of these mailtainments would an use the head of a cooperation. n a boardroom Bracewell seys and furnises would go out and do the jobs End Mahae

The service of the mysteries began with an invitation and cumulated in ecstasy, in applice and macheos ? Eve Kahter

As you may know - am a nana-pair ying member of the Amalgamated Riying Saucers Association

-Agosti F Kowsedy

Arenge with washings of out-inspect offers and offer out-inspect offers and offer inspectacy of a protection washings in the angle of the supported of the support support support of the support su



NTERVIEW

CONTINUED FROM PROFILE OF

Omn/: Isn't impotence a side effect?

Schely. That the agonst causes imposince and a use affect turt he very name of its action Agonstia we realized, could be used in any constitution in which its densitive to suppress the sochermenas. In Issael we did beauthal work on precidous publish in young toys and gris with accessedy right weeks of oak formance.

Owny: But wouldn't men find this "chemical castration" difficult to accept?

Singly Well consist the siteratives The evident invatives or provide carcoventire costations has for the use of extropend comparative in CBS (advirutines) (b) and the carbon of the carbon (b) and the carbon of the carbon operation of the carbon of the carbon test (b) and the site of the carbon of the carbon

Undergraft annth Sapel when I bell from the patients weak under minimization loss of skade and polarity. They say My polarity to be the patient weak to be the second second apply to most occurring a second polarity apply to most occurring as except Prantice them - second from weak of the in to home to mem - second "bedre second" polarity and apply to most occurring the occurring and apply to most occurring the occurring the apply of the second polarity and apply to polarity. Which contained the of the apply on most occurring the occurring the apply on most occurring the occurring the occurring the most occurring the occurring the most occurring the occurring the most occurring the oc

Consel-Solarity in parents and instanced consel-content in each or targets and analysis and demotifysion and the solar targets and the model of the solaries if they and instance in the solaries if they and the solar targets and the solaries if they and solar targets and the solaries if they and the solar targets and the solaries if they and particular targets and the solaries in the particular targets and the solaries in the solaries of the solaries in the solaries of the solaries of the solaries in the solaries of the cause of before part with an analysis in all of the cause of before part with a solaries of the the baseters of the solaries of the solaries of DMM. With a possible cancel service of the solaries of the solari

Schally, Norma) breast tassue devotoes treatures polacion, progestrome adreasi terotos eventos ana est gosto hormos, al al balancel part right No worker only one parcianti im not a policización con concentraparcianti im not a policización en la todas ana il poli mecon analismo de la todas anal esta poli mecon analismo de la treatment. We can la resear why Wy can a treatment. We can la resear why Wy can a treatment. We can la resear why Wy can a treatment. We can la resear why Wy can a treatment. We can la resear why Wy can a treatment. Onsei Do you think D hyptophan 6 LHRH is superior to all other agonets?

Schely, We could's investigate a howers diffuent analysig if he toocloby may cose too to three milion oblass to investigate per drug. Progrids reactions to transi allow other agoinsts were all similar so we decided to use this compound in clinical studies. Hemaritiser bath control. Partiaga twarry diferent pais agorand on the mariter in the only States revey time claiming in product.

Ornot How do you know analogo are safe's Schally Will have baren asthematiy Hoosugh in tedreg for sake attests. Hernamber Ho sthout I have been investigated before the tere being released. Affrough we had high containers that they could be used in preboolous polarity—you sale the wind model before the terest of the term of the boolous polarity—you sale the week to use the compact only affect the model to be the compact only affect. How merry medical, in the United States. There many medical,

 Since Uncle Sam will not set up drugstares on the street convers to set LHRH agonists, it's up to the drug companies to develop them

solaritika, and social herina in leval, annuol elebin ani la brothon bocasia we auriwari portpolicita brothon bocasia kergani an composite harmed in dir came bac anni harben warni weat barren bac anni harben varni weat barren we have richined allehin ranni wear au uneren portace or a cura to cancer and we can the approximation a manual barrener an uneren portaces or a cura to cancer and we can the approximation or in a specialized tabarrener.

Gives the ULHH species sheet the output of one to more showed as Fell and ULH Bohay. The advocads are manufally at Max and the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the species of the advocation of the species of the large docation of the species of the s why must cleans use the too a week. Deep What should be of the ory that U-WH could be a natural and sala approduce.² Shall, We do served studes and of or. Bai a Strain mary suggests my served and the organized student and the salar student to extraor. The order on animal six very strengtherward. Is nature U-Hit provides position in terrifees Tip stoot a powerfly position in them does the behaviors scool There is bettering and choose behaviors count the animal state moment. But of the animal state moments that on themat. But of the animal state moments that on themat. But of the animal state moments that on themat. But of the animal state moments that on themat. But of

There have been suggestors to use LHPH analogs to smulas castration for sex commain and rapids, but will not be insolved Working with convects a not for mit. Geving either the LHPH in assigning or agonet on a long-term basis because of the pendoncial implicity effect would calcus normal production of sex strends to drop, thus mitheling test chree

Dony, How is projectin implicated?

Benefity Experiments of unitation could be beneficial below reven in the beest across particle was experimented by the second particle was experimented by the second based of events and the second based of the presence of the second based of the second particle was experimented by the second based of events and the second based of the presence of the second based of the second particle was and the second based of the presence of the second based of the second particle of the second based of the second particle of the second based of the presence of the second based of the second particle of the second based of the presence of the second based of the second particle of the second based of the presence of the second based of the second based of the presence of the second based of the second based of the presence of the second based of the second based of the presence of the second based of the second based of the presence of the second based of the second based of the presence of the second based of the second based of the second based of the presence of the second based of the second based of the second based of the presence of the second based of the second based

Drive Aligous montrum on controperation determined by the second second second second second entering a novel bith second method by a compared second second second second second second biolistical second second second second second second biolistical biological second second

Even now hears of vances birth-control agences, and at the WHO [Wood Health Orgencetor) base their thinking or vactuation vasactomy or once-a month storads. They essentially misunderstood the apmatch with LHPH enables. New covernaize that the antagonist is the appropriate coolectule. They have recently shown the porting the philosophy and the method way statestic The method is called, invariantally by my temp-well what else craud they call method bread on LHRH antagonists of agonets will be introduced for women within

Orers. What sade effects of the pill would be

Schally. The circulatory effects reported for sickness, headaches, or the more schous

parlansive or cliabetic women due to fluid relanton On the other Dever officized the excellent for decados---unbluets carner

Gene What are the drawbecks?

Schely, Cost is still an afford to pay teently dellars out month? managler #2 in Swo-HUNDLIOUSLY? What A she gets a cold? Pos Onvor What is the ad-

variage of your monthly microcapsulo method?

Scholly With daily injections in cancel readment when patients start to feel more combrights they have a tendency to seonly releases the same amount of analog a day it onsures patient completion. Two years ago we visited Belen, a town on the mouth of the Amazon Piver, where we did some crostate cancer studies. At a suberculosia center repartry, cirriciana told us about problerms with patients. Narsos find pills strewn tents throw them away when they feel better it happons with any drug therapy Omm: What about male contraception? Schally I've always had great reservations

about male crite because of the physiology cycfic. The cost of a male pill is prohibitive with LHRH aconsts as potential contractioweeks. They complained of impolance low mmediately withdraw from the program

Only Will the LHRH analog contracetave Scholly. My strategy has always been not to ers either-I doub Llike on or brandy You should give a women a range of choices a conviol my opposition months at the 1984 Quebec City LHRH Symposum of which I area chantsan (Schally sotta)

Comany Scholly, 1 of me trill you something: about my husband, okay? Forget about sohe wakes up? Five thirty A withle exercised for hall an hour and we get hare at see thirty eveny maning. His knowledge is benefit on for hours without stonento-urbailey

STIFF UPPER LIP AND ALL THAT



Englishmen live imperturbably with their mientlessly wet sasather. But they also in vented the trench coat and the rolled umbrella And

dinner in climates so sweltering that the idea seems self-punishing. But by sayonng a tall. iced Boofcotor* and Jonic. they manage to keep their cool.

The English, you see, believe in keeping, a stiff upper lip in the face of adversity. But they're equally sood at keeping adversity to a manageable level, Which probably explains why they invented the trench coat, the rolled umbrells, and the Beefeater Can

> Imported REFEEATER* GIN

the preparatory peak of LH and FSH and

method be individually calibrated based on as a the pill Some physicians who we treated pourse on certain days of the month. The a joy littekes the fun out of it. Many a women both when two or three their a brand of vocks, you don't liminet advocating donka starts mendiang mmany languages, loo buing in South Amai-Portuguoso 1 learned mail in 1974, when I

Setvely: I play socces and so me a swith sily 1d rather have physically and men-THEY I MANY TO MIRK and mamban portect physical Wrone, Crives though I can sail drive oumber. I probably after I seem teents tan dimbing, which is

mountaine-and cimb the same one again and again? Swimming is simpler, templer

fort raitive than a correction?

Scholy Yas absolutely With gentlemen and intelligent people it's a pleasure to collabome And the Spaniards. The antigonism between mysel and Guilernn was certainly not so hant as the Cold War Sali because of that time was impossible. Although Outline min set he was nearly to collaborate the white to Nick Wade (author of The Nobel Duel, an account of the Schaly-Guilleman rweiny) but if a champion has no serious components the quality of his performance sigs. Without a strong competition in, say, the hundred-meter or two-miter such an the Olampica, immes would doctine.

Guinema and there correctedly offseen characters in receive monthark hold don't lea to other or immite people. Cur behavior to the server that sharing and started lifts of anything from Guidestini , levindru eth sees in least prime werking in a loading. A Lift metostappity was to mot the dones to anything blobber from sees no more maps costillaue one could was to be that which the got the blobber from sees no immer maps costillations to have any dimension in behaviore to be that there was by turners to levice anything there was by turners to levice maps costillations the way of making the norms of them people the doces and accomes of

One: Coop stoom to only officit employment of Scholp: I'm a week on water week. Also served a particular makes week. The been and a particular bit of the weeks of load charake and high states. I left linghed party out of device for more say. The linghed party out of device for more say. The linghed party out of device for more say. The linghed party out of device for more say. The linghed party out of device for more say. The linghed party out of device for more say. The linghed part of the linghed the device of the country open methods (carrier from the source).

Many or their is automa patient Nobel page I word any Excession of their inter theiring outout any Excession of their inter theiring observer interview. You must be form appendix any excession of their interview. The second second observer interview. You must be form appendix and when a denies a catalone to you must be an adverted to their any excession of the adverted to their and catalone to you must be adverted to their adverted to the second second adverted to the adverted to the second second adverted to the second second second second adverted to the second second adverted to the theory leads be second second adverted to the theory leads to second second adverted to the theory leads adverted to the second second periodicity and must be second adverted to the second second second second second adverted to the periodicity of the second second periodicity and the second second second adverted to the second second second second second second adverted to the second s

Onne: Did you teel your whole caneer was on the line at Tuction in 1969 that if you dich t come up with a releasing homione soon, you mgbt be rused?

Schally, II I was on the line, it would have been uppelly so Solar man has not landed on Venus or Mars because of lectrical line. Metros, I real full achieves and news lost it. Criticism dicht bother m— I varw I was ophil dil anorg, sol just tod is ohler it off Nich possibly could have abged support but i donn tod mis was nicht www.ord.deg out donnthet, I he lost i hay could be done fuen licens warm kon it dieterting

The used my Nobel prize only when necessary as proof that I can do good work that organizations and agencies should have confidencia in me built don't live in the past To me its the present and luture.

Others: How do you leet about fund raising? Schalty Okay For example, during the early Soventes, I wole to major contraceptive 90 (1991) manufactures along for ther drugs und orgpostations are also along to result. SPII setting the through along along to result along the manufactures of the result in the manufactures of the result in the along along the results of the sector methods. It have profeted in the sector methods in these profeted in the sector methods. It have profeted in the sector methods in these profeted in the sector methods. It have profeted in the sector methods in these profeted in the sector methods in the sector provide the and responses along the these compositions of the and responses the sector the sector best of weight here there proved by the sector table under the sector best of the sector the sector table under the sector table under the sector table under the sector table under the sector profet the sector profet the sector table under the sector profet the sector table under the sector profet the sector profet the sector table under the sector profet the sector table under the sector table under table under the sector profet the sector table under the sector profet the sector table under the sector profet the sector table under the sector table under table under the sector table under table table

> Madern scientific research is a team affort life football, with linemen and backs, each having a different function. Some strike for goals, others ward off attacks.⁹

Some recent many time the late to back and all times of the parts of the mere have member approximent of the parts of the parts of the late of the parts of the parts of the late of the late of the parts of the late can be not approximately approximately and the late can be not approximately ap

Citwir Do you see yoursell more as a quarterback or a coach?

Schally, Definitely as a quarterback because the quarterback has a big say in planting and strategy. Definitely not coach! The problem now is the fight for funds. Research is livity expension—a rat costs sever collass. With possible cancer: it was a could for of a massive offense a bitzkneg. But sometimes, as with my appetite control studies. I have to probe and explore before deciding my direction of research

Recently Loss twently traceword clotans for this work indexidues not enough for one highly trained bectmicians. Too like is tighted, i terwit to wellact my bit-police carefully. When you have to go tifteen rounds, you can't expend all your energy in one round.

Oww. What is the relationship of the brain operas to satisfy and hunger?

Setting is warked on operate loss a while box beam they be been even particular to incorporations. They may be involved in a martlered to them, they may be involved in a martlered to them, because were string correctly beam because were get read a light or a war (control with Solo contracts synthesis) fuelds the string reader to the string of the string string were as the string of the string string string were as the string of the string strin

Other Do modern anabolic stenads curtently popular with bodybuildes and other affects pose serious heads threats?

Service Weil alercodi suppression for genetal and warmel baccome annowness. Men onetariky aufter granado innong libu antifered a toda suppression francesse, which may powe even more dargeroch, in the forg nun you may get classical apergrams of accompage (grand dashinos) of loca and sidenton due to them concerns of the man and account of the forger and the forger power to the forger dashinos of loca and sidenton due to them concerns of the forger power to the forger dashinos of loca and sidenton due to the forger power of the forger to the forger power of the forger answer of the taken place. The forger concerns of the forger power of the forger concerns of the fo which is commercially available, hoping to turn on the testes via the hypotheterus. They would like sure LHRP the the same reason. One drug will often have side offects is oyou by to sider if with another compound, and to a vecues order id while the

Im rod create constraints or constraints but many elimetes constrainty—films can be called creating But in the fact Constraints. Two all probably but screetings—films constraints to a result of the screetings—films of the constraints and and any screetings of the base screetings of the screetings—films of the base screetings of the screetings—films of the constraints and screetings of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screeting of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the screetings of the result of the screetings of the screetings of the screetings of the screetings of the result of the screetings of the

Omni: What projects do you have planned for the futura?

Being the mode operation and recordered of Being the mode operation of a total control continue to a satisfactor of a total costs of the satisfactor of the satisfactor of the the satisfactor of the the satisfactor of the satisfact

Benely, Obcession is intentity if your endtition and load that in this can be also also be the title rate out to be able to be that can be been ended to be the sense of the sense of the sense of the sense tem-bet, it is not an obtained with the sense parameters and work and in the sense of the sense parameters and the sense that is not the sense that the sense of the sense of the sense that the sense of the sense of the sense of the good but you contribute to the sense of the sense at contrameters and the sense of the sense of the end of the sense of the sense of the sense of the good but you contribute to an other sense of the se

I were meeter obsessed i notiv varanto to prove the validad priving class because I immy provide the validad priving the second secon





in gen of \$4.00 million but

ULTRA SPORTS

CONTINUED FROM FINIZE 44

Isostheeds, acrobic capacity metabolism and innumerable blood watabilities for anchlates in avery aport. Well also be reter to table an avery aport well also be reter to all achieves how these presentation. Our computanced tests for strength (hew much they can high and power (how final they can it hill) well liest them which mascles to work on for bottor performance in any green activity.

The weath of physiological incodedge, says Van Handel, will introducedly ingenering to the end of their careats. And in the easi Natura acan different may be able to select the best sport for his of her body betree services the other hand the athlete held.

Analogia number of issectives believe that many determined of Missian in a Gott ing to execute properties of the section of the transmission of the section of the transmission of the three sections of the section in the Web Cip, there are too based types of more that NMM. Since weeks load the transmission of the one show webb regions and more that NMM. Since weeks load the transmission of the one show webb here and the the transmission of the evolution actives and webb has done weeks believe that the substrated the sections believe that the substrate the sections believe that the substrate believe believe of an adverses murcles and determining the report fast-to slow twitch libers, they will be able to guide competitors into events that offer the best chance of success

But muck issue a judice hord's compositive of the second second

By exerning the real-ace and flexibility of the parts for instance, terms would have another an athete can wereated the pinnig presen shares on the lesses and call hardings in basietball, by paying the operany of the next end unrug, they would obtain may itra anchrance for such sports as animming or unrug, by could press nam, they could predict he future is a platitem davie or general and by outermining his bore strength. They would excoursign of local parts and predict her than a too the press decourses performance in contain 100/15



ike wresting and footbell

In the lister time sort of local will be used in the lister time sort of local will be used to the lister of local sort of local sort energies and current coach of the US bank Cap team sort that in public school three is timeratical pare previous killing and the local circuits. Say in eld versits to be with the locate error grim put on the local talean transition and sign end versits to be with the locate error grim put on the local taleant of the local sort of the local taleant of the local sort of the local tale if we can do local is of that infer to be upper particular to interest and interest of the local sort of the local taleant of the local sort of the local sort of the local taleant of the local sort of the local sort of the local taleant of the local sort of the local sort of th

Even when athletes can choose ther spot in advance, they il ath need effective training programs to succeed. Because of the distributed social provided by of physiphysic physical social physical contract are not ther backs and thems.

Unit reportly coaches tended to builgeon athletis with taking—blog had them runnas far if as much and work out as hogy as they could where colleging. Though no one lone was exactly what excited. It was thought that the sheer magnitude of tended and externing would committee do the hos. Built through the pamentation of medical

The broads has parameter or melocities that broads has parameter or melocities that broads has been approximately many parameters of the broad or provide has a set of the broad or provide has a set of the broad broads have been approximately and the broad broad to a broad broad broad broad broads have broad broads have broads have broads have broads and broads have broads have broads and broad broads have broads have broads have broads and broads have broads have broads and broads have broads have broads have broads and broads have broads and broad have broads and broads have broads and broad have broads and broads have broads and broad have broads and broads and broads and broad parameters have broads and broads and broad broads and broads and broads and broads and and broads and broads and broads and broad broads and broads and broads and broads and and broads and b

Check of the provide registration of the terms of t

Recent East German research had suggested has it an athle worked just a life harder sain time out the eventually would produce test lactic and up to a certain part, the muscles could bracks for longer and longer periods before targuing. Allless could strug at perior targuing. Alltests part de la could be only for afforpendis put with cartal calculations. Those periods would feel workly withen barrad

Explicitly these possibilities, Toup decoded to by to increase the speed and endurance of Olimpic swimmers around the United States: He stretted to traving also throughouthno centry sating on the sequement to that each time a seature completed a worker. He could strett a work of blood and measure the lovel of latch and Soon Toop could product how much labo and workel to produced in each successive methy seature by gaskuby building the worksub approximation with stretter by the could almost always height active section of browst and muccular and/state hightest uest territor a mark meet

By using solarica to get nd of the guesswork we avoid overtraining. Toup says We get the swammer to his peak, and we get him them at the apericontabilitime

Precision training will help bring athletes to the aim of their influence potential. Multinumber of comparison their borning and mulperture of the second second second second athlete Athrough such folloal boards as the potential of the second second

One of the leaders in the effort, raining mough is avea, who contrains the massierth at the Cost Research Canther located in the perin Omage Cauth, California, Reent of Costo de Caual. In collaboration with Errory University physical throngot and antennet Dave Wolle. Are is ganeseing an enromage Johrngan Ball with resouth the musica paitern and effects agentas and transfer from to other pomeraing diffete

According to Arver, the calas originated web a primeter herepy technique used on athele prome at the University of Manaschuerts the Massachuerts scientification is used and used an electromyograph (UKI) to nocord exclusional subjects. The electromyograph broads an a computer body transfer to stored an electromyograph (UKI) to proceed attractional subjects. The electromyograph broads and user to those the stored stored on the electromyograph to a store of the stored attraction of the broads patients severilarily accounted at broads patients severilarily accounted attracts and and patients severilarily accounted attracts

Meil net Within encoded to use a similar becomes to kargeness in a distribution of interest which we did. Anal requires, was also a UNSI chocks in a distribution of the second second second second second control of the second second second second control of the second second second second transfer exercises uppl table not be althereiness in the second sec

Eventually. Anel took the concept a step closer to the work done at the University of Massachuretts Using the rackal technique known as EMG doning his tried to repodace muscle pélleme of superstass in sepring superstass. We took electrical sigrels from the muscles of Olympic champore." Anal explains, "and put them into the attrictes we were triving to train."

Though the results of this research are not in Anel sees trainendous potential. They vaalready been using the technique for rehabilitation with enormous success, the says, and these are no sate effects."

While Area has been typing to Suprovi the body's without participants, other the execution trave begins to also been to leave the body's without body to be the top the suproverflow tops over more the FFbias when US tops to participants and the interver Research of the first and the event come Research of the first and another to the top the traveler to the another top the travelers to the another top the travelers to the cutoffic the top the travelers to the another top the travelers to the cutoffic the top the travelers to the suprovide the travelers to the top the cutoffic the top the travelers to the suprovide the travelers to the top the suprovide the suprovide the travelers to the suprovide the top the suprovide the travelers to the suprovide the top the suprovide the travelers to the suprovide the top the suprovide the travelers to the suprovide the top the suprovide the top the top the top the suprovide the top the suprovide the top the top the top the top the top the suprovide the top the top the top the top the top the suprovide the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the top the top the top the top the top the suprovide the top the suprovide the top t

Dodge many athebits have into include a anabole strends but also generate all nonneered synthetic human glowth homoson motorisation of the many strends and the motorisation of the many strends and dispression and homoson of the homoson attended glowed homoson with and the homoson attended glowed homoson with and the dispression and the homoson of the homoson attended strends homoson consolt.

These who astrongly oppose the use of origin in sports say that homesail solutannose like elevado can deviatable ar athlient body, who these manys priors avertige and live damage to heart cleasale and canor. Thes to leave these many fail soon who's one. These to leave these many latitions who's says. Edwin Meess, "Disga are becoming more and more worth recorded, and here) endancer sport. How mit operations

But Some athletis have begun to advoded development of a two drug soerco in sports. It say open it up, may borl laws, where of low gate induit in two long unp and aprima athletic. A Obympics Lewel har "Socrar should star precenting drugs to gate atom and the should be up and the sports athletic social sports and and sport and the social social sports and the tree well be able to charge them and main family for the normality.

Now Justicy sports physican new versors is surgeron Yweng Dardisk, agrees "Pooplelike to packare affreete on Nourch Oyness of the Source Source Source Lowes of the Source Source Source Lowes because the antibast are supposed to win Ahleres have always used techniques to mannon participanter. And where do you draw the in bothware watern in various and mannon participanter. And where do you draw the in bothware watern in various and man a nontransitienter. - a dup .- Fait m. woogh about a dogs to sup them now built woogh about a dogs to sup them now built. Make the day special. Give her a bridal set as valuable as your love.



analyzing performance as we see the interactions and analyzing various holmonial variantia, nutrients, and analyzing we li ba able to supplement our delevences safely, so that athistes can perform better over a longer perod of time."

Some resolutions, for instance have be give to discuss chemical means of increasing not just ace and strengthisks endermore. And who does not endoes the use of blugs rombinises wants to chemically silve the body's motoclearm to increase the energy ideared from each increase of food.

The made calls store that and callon topologies, which there doesn't environment to topologies, which there doesn't environment to topologies, and the topologies of the topologies of the callshare of the topologies of the environment of the topologies of the environment of the topologies of the topologies and the topologies of the topologies and the topologies of the topologies and the topologies of the topologies of the topologies and the topologies of topologies of the topologies of the topologies of topologies

In addition, IBM bootherwise David Cogen to through to microse entrivence by Wahring the airmonia cipital associated with metaldiant of annois additional on protein. We ner amon acuts are trailer when by this body that results. Unit the amongravity content within and all saves the body david to be an origination cogen suggestime registric to a version the column acut in stage to be any protein the annotation of the saves the body david by the save proteins that metals and the same proteins and the save the body david by the save proteins acut and the saves the body david by the save that may be any the save proteins and the save body and the save proteins and the save proteins and the save them and a media lead hold hold.

But the athlete is not just a posew puzzle of muscle and homone, as with all complex image thrus is re-stangibles to consolve the howers accurate working with athletes to day have been seeking to homes the unmole interpose—the unconsecute staff.

Psychologial Bruce Daylee often called Informer an operation, you that his respirate man correct of the closed in the lass few years. Deals in the Subset Mean has service were test sought by a handhil of prolocobal lasses. In the last Organisation protocobal services are hand by the integration into Today he has helped 38 protosported proticities and in the let Organisation has were what to work with 48 attribute. 39 of whom ended up wering medials

Traitment in Optimits Dorston, service doesn't of spectrages have become involved in sports because emitters and outrain show to previously and unnamber of sports syschologist has goven as has five body of lectricity in noiser, yaar, have have no even deviced in state of specified preformance-interpreter modelabors. Alco if or sample if you applies and realistic states to spered and real training and an another interpreter have an another interpreter of you applies ator' leftildale' (partice tables to table applies ator' leftildale' (partice table to the state) and the way on advice tables to table table. himself during competition) vasakization (mema) retinassa et a successful stepbrigg performance) or recording motor cuest (instituting physiological agree such as tightness, that indicates when steps is about to instritore with performance).

The week of the Jubie is agents payofforage says Queek in technical behavior disclose week to improve a on esch affeldigi. Comweek of the second second second second second logicaria former situation. payoffolgot Nagrada fleves the means moving week undorstanding of each affelde as in informaundorstanding of each affelde as in information. These payoffolgot loss are then undorstanding of each affelde as in information and payoffolgot loss and the second the academic of the payoff loss and the information of the payoffolgot loss and the the academic of the payoff loss academic the academic of the payoffolgot academic academic of the payoffolgot academic the academic of the payoffolgot academic ac

Howe taxity a protessoral tootball player with the Boston Patricis until a car accident ended his career, believes that in the lution this entern of the indextual will be platead to

 The athlete of the future will move faster, jump higher,
hit harder, and compete with intituity more grace and skil, obliterating most of the body's supposed imitations

a new extreme Howe losses the day when sports psychologists make bean wave to contings called electroenceptelogisms or EEDs, as an athlete performs

Let is say the athete is doing a basis fluo or a bosizon beem steps flows: Wild tecord EDDS during an ophrat partornation. Later on we could hypotote him and have him got hotugh the series rewrite the small this mennia programson were well housed we would record the series EDG on the could vie could use the process in mentor the ments programson of each shields in each weats.

Before and the technologies even mere white order than those interesting the technologies and technologies and

Recently Landers worked with a worldclass life shooter who had hit her nadir. Her everage score was 20 points lower than it Inditions the year before and she full conclass to improve Landriss properties the problem whom her reasoned her rengativity patient solves and during comparation. She was unercoundly inflating just before reach that Landres ways pointing out that work a sight branch can cause a rife to vibratio that benchmark ways pointing out that work a sight branch can cause a rife to vibratio Control benchmark ways before that work a sight branch can be show that we have Dan't breacher way value work was say. Dan't breacher was put portion who show.

Landes also carre to the recure of a crackyoung audier memils Rick McKinney Titough considered one of the best in the workd. McKinney had begain to suffer weaking tereson heaktaches that god in the wey of his pattormance. Landest weed McKinney tor EVGS and coor closowerd the hookle an uncreational innainney to saparit his give every time his released the arrow.

(b) To there is the substitution that it Lancesce consistent and electrode from the mostle under McKimny's eye to the computer kinetic devices and the McKimny's eye to the computer kinetic electrode from the device substitution of the substitu

Write searching tor the sourt Landershad also taggered upon a momentow deopvery. To be thereagh, held done a whole gamus of tosia including a reading of brain searces. He include that every time Mic-Kenney prepared to shoot the left brain produced alpha were. Including reflection to also do alpha were including reflection to the second. the analytic set bein were shuring of an ethe initiation inclic team tools over

Landess soon teleted a number of other affectos, and the Indiag held tim. Protesional athelies: hom numers and architratio basisebuil players, portbothod informen elpite revers set before an event. Analyzing the phenomenos: Landers carrou privit hat estimordinary conclusion. An athletes toxin wervers chargo at each stage of an event

In a follow up study of forg-detained numnens Landow study in the when a turner is moning as appead he is used to health bit of the init and again at the end. Built he packed when reasons froughout health bit of the init and again at the end. Built he packed with the health bit and the pack when reasons froughout bit bits pack when reasons. He will be use more when when the bits and be the out they can sum of the last bits and bits he will take accords take over

Landes hope to transite these inchases into he most power/Lib bleetbleckind yet. Frait he plans to chart brain waves and heed them into a computer much as the did with McSonnyx emache activity. Then he is use an appliar to be defease moder from EEGs from one moment to the next. By rescing to the over and it hangs to include a single at the advant and a stretes should achieve the optimal produced in each should achieve the

Once the is polaible he plans will borrholio ambinous still Each year he notes, computer components grow smaller and it may



soop to possible to make a heart, boar or muscle entrop the soop of a drin Those company automation for the soop of company automation for mainten boarder company for analysis. An instant boarder board board boarder maintenance the company for analysis of an index attribute to board board boarder and the soop of thesis immerses. Lunders possible: We've gol to pat the company basis of the basis boarder board.

It seems deer that Linkens, Aret hurd here comprises scientific borthmun are Manaky Hucaffering the original are advisor, eccedence backdoor produces the American enthemis will be canned back the American enthemism. And does the next Chargensis - Therefore is a cuestion in my ment that are in gauge to back the words ways in the next bury sais. " Score Dard bit, We filter number one in 1983 with or writikel the Street Back same

Equally optimized Dr. Kenneth Dooper, tather of the American aerobate servicition and diruction afthe antiometer Astroctics. Durter in Darkins belavies that all the most chier wheel work descrifts will soon be detrain manifion and is sub-two hour manifon and is sub-two hour manifon and is sub-two hour

The name intervative the accomptible matts though the more instruct certain questions may become in the user particular ports and become a 65-bit granthening between scientist and competitors, will be these be associating their periods the factor And as they become more dependent on science will they will be advected in the orgnel sense of the wast or will they simply be receptables to bother above.

Kan Cooper for one sees those so real companys. Til hate to ana all of this to Aos for unit the Olympics become nothing but a year-2000 space-ego war between countries byving to prove that technical superontri he costs.

Dasidid however, has no such workes "We have amply evolved." he says. "Today science and technology are part of us. How can we during because from artificing when we dant dearce it from anything else in 167".

The real question Details contensis and with white we always use sources on a gont to but states how Right new to days a walk denoted the sourcest in sourcest program they have been been as the sourcest of the source on the content of the sourcest of the other among net yet accessible to attribute a point when the sourcestand. These a point went there is uncertainty of a point went there is uncertainty. The sourcestand is the total of the source of the sourcest applies went there is uncertainty. The sourcestand is the total of the sourcest and the sourcestand there is the sourcest accessible to a sourcest and the sourcest accessible to a source the sourcest accessible to a source to a source to a source of the sourcest and the source of the sourcest accessible to a source of the source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a source of the source of the sourcest accessible to a sourcest accessible to a source of the sourcest accessible to a so

The key word in Darcick's vision, Moses would agree is ownion. The sthetes will the includeble force and he must use technic ogy only as it serves his needs. "No can't use selence to memorize an athlete Moses soys." Raw talent still costs may predicte ministry apprentitio agreechs and the predict or me the comparison with the "Co-

west in



James Burrough of London, long renowned for Beefeater® Gin, now brings the same smoothness and delicacy to imported vodka.



ENGLISH VODKA

BURROUGH



COMPLEO FROM PAGE 10

slucent at the time "The name Nautius was on everybody's lips" in 1902 authorities gave Vaelley a secret lab in Lennigriad and by the mid-Sixties the Kremin had established a hendbal of labs to herrees pa

An integrit rich that eris come from Attem than fishtim is former observed to be Soviet Wer Meekly Shiften who trave loss in braid and the second second second second second approx of the next come is been second as proximation of the second second second second pacent paraprepriorities and a guint from the the three descrites we meand in the second second second second in the the second second second second in the intervalues of the second second second in the minimum of the second second second in the intervalues of the second second

Soon after Shiftii anweid te wee nitwo duceste to Dimiti Mosa associave detector of the lab, and Sciencron Gelestran. It seems the direct method with the lab had been opported in the meth-fittbe after distancement based here. There were directly detailed to the set of the set of the set been and sector based to be were directly been under sector based to be set. There was been under sector based to be set of the set of the set of a same ba work with them 1 d get a safety and a good lik.

Strikin declared the offer builkage in hourh and sometimes workaid with the scienciss. During one meeting the relates Galensen was lead upon the hospital Stater was intrag by his bababa when these commands and most of asked Geleration what made the important except his commands. British recalls and his suit has his had personally baned them is beload his.

Shiftifs story checks out one source says that Gelerston published a book on training commends in precognition. And isconting to a 1967 edition of Soviet Martime News 1a ps training system had been incorporelied in the commitmet problem.

Deletatements accert pu tell was not the only connot failed ADD Alauk describes accert pay work organize on at the Perkov Institute of Higher Nervices Acchiva in Miscow the Duror Institute and central meres of Server Kherkhov describes in facility in Lemmanal And an 1975 intelligence teport entitled Sover and Carchitoshvikelan Amprophysicality Reserved defaults a chaomic spent laboration one Mano pay work was convoluted as well

But if the Sowets emphasized the peramental Khokhav aspa, it was because they hoped to acheve a treakthrough in the control of the mind. Support for that contentor comes non-Lansak Wienskaya, an oftoucted source on Sowet psi-

Wenskeyels chring story begins in 1963 what she wata given part imm work at the meety formed transferration to the transferration A. S. Pippov Seamificianal Technological Socety of Radioelectorines and Communitition in Moscow Under the direction of Dr. Igopte Bloggin That lab had as "open infotion come ma attraction in while additions shall of here page part time and volumize here here in a page page time and volumize here here in processing and the hereing. Offense based added propulse hereing offense based and the second start description added in the second start description added in the second start description and description and which colors and images allegatly and descrimed by load.

The goal of the lab was to high a simple, physical explanation for poil. But that goal, according to Weinstein was subwerted by the automose. Burrow began providing that researchers have been asked to do immocontrol experiments.

West said members seemed veluciant to alter counter. Werestays says. Finally in 1905, the lab was shut down. Three years later a facility called the becalectronics section appear is a place with three military men on its 25 members board of devolons.

"Whereas the bioinformation lab was free

The simple diversing as that the Soviets are known to artfully practice "disanformation" Unfortunately, we don't know what the limits of that are.

and open 1 says Werekaya. The bioeleaterrise kilo had immediaceses have tagther controlled. Hos models spoon passes to get in . Socirater the lab opened are sugters the skill under midday sportwers toget somering turnalses of people from outputs districts to psychic experiments, incess may the adds those septements involved control of the maid.

Weestage left the Sover Uncor in 1979 open dee years in head, then in 383 ethgrated to the United States. Today the dark and about grape is backet threading in Som Francesco and neuron with Sover informacated or a possibility with Sover in the clad out of the USSP Based on their work in extrated in the Soveth share a lifecul a docen may regeneratory investigating a docen may regeneratory in measure is a many with all based.

Monocere: Vierskapi, notes the new tesearch is not benegin. Pempitychologiet Vlaii Kazanchowych (or anximplia naporteolit) caused a disearced cell lo tranzmit is moiady to another, healthy coll. Brough the two were separated by assalled guartz window. Other reports incloses that the Sowels are trying to miles michates that public studies. It this Sowais even succeed in such proects the experts add, here will do I her Sovertway Manasam able at shurte the notion of mysteam So should participate the notion of sphysical means by which prychic messages can travel. Current Sowait theory holds that electromouncem is the ker

This emplote, deal but i gran lain the large includes physical biologine hausther who laaches physical sciences al John F Brain www.sciences.in a california "Brain www.sciences.in a california aphrance anterna - brain i phane, bio essenti authora enterna - brain i phane, bio essenti hait those intercomagnetic waves can somehow beam out. Brockwing hose waves could answin interactive.

ability in the fluctuated in room is evented to accurate processor is more than the room of the backener processor is a reaction of the room of the backener processor is a reaction of the room of the backener processor is a room of the room of the therein a room of the room of the

Thoogs is activated have been decised in breakers, end everyone appeare with Nobletone integrations of the Noble State Departant and the State State Departs and the State State State State State I beyards the writer is probably to block state StateState State State State State I beyards the writer is probably to block state StateState State State State State I beyards the state State State State I beyard the State State State State State I beyard to care State State State State State I between the state State State State State State I be there more care.

Indeed according to physical Raisell Targ one of the West is foremost authorities on Soviet pp. Russeam recearch into the parameters is a personal pursuit. Soviet omgres like Rhokhov and Wienskaya, he seas, don't have the whole story.

A tell currly hiered scantal Wro specialcos in remote viewing Targis in a position to know. From 1872 to 1982, he worked for the promised California ocruzical infermitient (Stanford Research Instatus) infermitient which had oprinted swith the American mifary to hall develop operating soles. In 1982 atter forg que SPE because he thought its ps work was too métary. he founded Dephi Associates a psychic consulting firm that reportedly media and lost a small tortane in the sheet autons merket.

At the instabon of the Soviet Academy of Sciences, Taing has writed the USSR twice in the last two years. He has probably mot more Soviet per researchers than any offner American 1 canned confirm any Soviet mifairy work with per 1 he nexts. "Our assocition is sumity scientific."

Targ also brought home intermetion aloue work of his own. He had, he claimed idem constrated envises waving between Mosic ow and San. Francisco: The experiment icolo place in the tashcorable ony assistment of burs Davisativiti. The effective from the burs Davisativiti. pital massause who had associated the Sovor modical actabilityment with her slieged peyhot breating of even the most helpites value. According to Targ. Daviasiheli was able to describe a site – the concursed of per 37 or San Francesco's Follarmania What that only a low hours alor would be visited by opports Keth Haran.

"It was accessed attention yowning in both datasec and inter Targ assets But offer contrato cleague. Their documentations way poor Unit is the final and postcols i contrage its valid, says Rev (Hman approximation) postson at the Lancenty of Dergon Marcello Yuzza socialization and percensize probasis at the Lancenty of Dergon Marcello Yuzza socialization and and Elastern Marcello Yuzza socialization and Elastern Marcello Turzia a lancenty and experiments in accessional and the social method of the social social and the social and experiment in accessional assimption we second theory is automative."

Targ insists that what he clid was a demonstruction—indi an implement—and clid ince require the rights of a lab. Members of the Somet Academy of Sciences, he adds were impressed impagin to invite him back for an other demonstration.

We carrie to Russis to build a bridge of consocutinues. In anys, "They take this start soncoust," any acids that the visits have led him to demiss American tests of Sover per manatch as unwamented at basis and Rid being at writt.

There is controversal information from the empres about her raising Soviet expen-



mores that have not been continued any where else, "Targ declares. "For motives of their own, they tand to color what they say."

Targ has a port. After all, who are these engage? The editor of a ps-abhoratory pair individe tasked leavabler? A former KSS officer and expert assesser? On the other herd who a Reg?A former KSB collaboratory may a stock-restrict socialister and one of the few Americans for whom the Rutework will out the red carpet? What kind of weight our we one to their enderor?

That is precisely what incubies the serious defense snelvas. Baid one, "How do you Ind experts in a torid that defens scientific replcation?" Others womed us about the Soviet priorbia of ida/domsibias."

The simple difference is that the Soviets are income to articly practice disinformation, maya Roger basement, a missiry protoger of bases Add University and battor of antibes and books on attailage standard he women fails amore artigate and papers are tipatris telesamp paray information to missie us water remoty on a missie base base pageha artine race. Unforcemently we don't how what the imms of that are to an what the imms of that are

Othere earned us that our anticle would be used as distributionsmo—but not by the Researce The earlamptic is source both as They (American sufficient) who poold like you and say that the Russians are aftered of us And you write. Hot dams, while yous should of the Russians it is write yous should of the Russians it.

Cut effects were further transpored by the questionardia quarky of Amman similargencia work. The declanated imports we many low service the service of the service of regionance. Bareast IGA documents in the *Monard Dragans* mither benegatives. They also the papertacks that quarks eather instlightno regions in their benegatives. They also the papertacks that quarks eather instbot, The same summarias are systeled and notice benering their the low of the papertack.

Not the bulk of meternal indicates that cowill psychic research is alwaying place in the Scivial turion. And engaschess of which her psiexists the interfa of the research is control of the furnies mind. This improves how the indicates and the interface of the relative August Stem. This can easily the relative August Stem. This can easily in the relawish here and an always which is a top secret Sowet meters topologically worked in a top secret Sowet meters topologically.

For mention, weld heard about the regutenceum and the name ecopool up in a 1977, when took times acticle and latest in a TV clos unmentary about the perimerimal. Since then is heard apparently deepponed but offer several weeks of requiry we found term at the free Unwarday of Antelencian, when the trad quality taken agits as server psychologist.

"Yes I will talk with yeu " he had eacl over the phone " But it must be in person "

Two days later we arrive at a low-ray apartment building on the outplants of Arristandam a blooding razed-drin man meets as at the door. Showing us into a modern lying room, he asks us to at and thein bagrin e take-inmiking and placing the floor. When he starts to talk, his English is halling, broken by a hick Russian accant and a staccasto laugh. For two days, between gasses of whe and sacresso August Sem dradges up memories of Stanias. (Special Department 8...

In the med-Status, Stam had path leaded school with graduation digrades in computer science, he unophysiology, and applied candidate that a Naty colonal named Yatale Pace scipt. Provi was recording table to a make tab. In Akadimpanda—a statbers in the tab. Provi was recording in the best in the tab. Prime IIIs means was enone it betoff in the science of the weak table.

"I was eager to do the research ' recalls Stem "This was to be the cream of the science crop. Only the best were to come '

But when Some privat, he was supprised by whet he saw interest of the basis and the larghtest, the department housed a becare ambigunoi 66 specifies and therman pertorning assessed whether charght hell Sohn in credulato. "Perror was under great pressure to produce a phenomenon---way internatenant. Bern now says. He was a pupped of aman, under templa desse."

As the interview proceeds. Seen adhots press as wail the struction with Fingleh and his adhotton integrating values with the related for dealer. He can become annoyed "Why do you need to lence so much?" Then to begin off anyong their to say too much about begins off anyong their to say too much about begins off anyong their to large too hacases increase there on the notif task.

He remembers one appendixed in which a popyhot wate to inflaved a wateria in the root room. It seemed indicates to me at a use parameters of the seeme to a paratellities the decision appendixed between white a popyhot memory to the set appendixed between dependixed between a between white a dependixed between a between a between a between a dependixed between a between a between a between a dependixed between a between a between a between a dependixed between a between a between a dependixed between a between a between a dependixed between a between a between a between a dependixed between a between a between a between a dependixed between a between a between a dep

Burn watevel or sectors protects, boll her many effort moves of sectors protects, boll and provide the protect protections. Like many all even may and the moves of control protection and even may and the protection of the protection her bounded on the protection of the protection here and an another protection and here and an another protection here and an another protection here and an another protection and an another the protection protection and and others, research to persist more and others and others, research to persist more and an another and the protection of the analysis of the protection and and the protection and the analysis of the protection and and the protection of the analysis of the protection of the ana

Stem left the USSR in 1975, but based on his experience, he a convinced that the So wets will one day find a way to commol and use per When the happens. "No work experience prychics," he says it, wwith be a question of individual power or gits. It will become arrays expertific his wedge. Is Stein credible? We maked a paper the words explaining the thereas to is solved Arrenous scientists. This is what we coll liph-quality processing, it spin rules poly load Fauscher Stein uses incorrect materia bert to make the key parts, the tays "Therea northing in this the makes any cancel. Roberts Mosts, a pay-toologist of Systeme Thereas The Solved of Carrouter and Information Districal, Sheet, This & capability or superformation without and information. Carrouter and carpoints or superformation without any for the solved of the proceedings.

And yet we can't bernas Storn We songert basis a copy of a 1684 where in Russan incommanding here is a estatert pocision. It was train the a estatert potage the mode of the annual particular hap the mode ennient spechadist in the Soviet funct. Lines had taught Sternin grad use achtoric We allowed it in a twentaket a Soviet engra. These anought is the part a handwitchn letter from some or late to b get a handwitchn letter from some or late to b get a handwitchn letter from some or late to b get a handwitchn letter from some or late to b get a

We only be being? Also watching thought the parate points of payshes and their watching the parate points of payshes and their watching the parate points of the Bowke payshes the payshes and the payshes and

This not even the most ardent believers say, we should have a Manhatten project for the peranormal As Hauscher says. "Who works to per into a mind race when we've already out the whole nuclear mess?"

It's tote afternoon. Stern has been tailong for hours. He stops and taps out another Maribons lights up, and inhalos. He speaks as if from for away.

Sergayew, injustine the offset. These is a balance they may be on the applit track. Theses nothing to be scened of the problem of the service of the servic

As evening approaches the accentrant, groups dry Stein tools act a window pour, neighborrig apartment buildings stretching. In the West Cogariest stretce city pait the acultien roos the pairong, dark eyes, boon the a self-cute in the window acuting more than a vocan if he indower. All that is more ing is the courd of tabuwe through the table table time. The observes in a detail more that accesses in a detail more the box support you were when here tamother box support you were when here tamother Soulder that of better common CO



1. T PUZZLE. The trick is to realize that verticals and horebritals can be formed with

2 BROCK. The solution simil to langthen the stacks but to stacrien the block (below right) 3 PINC-PONG. Use the water in the value to float the Ping Pong ball to the top

TRANGES Here is the gradient of clues 1 Transfe brief, modified each of the sheke

2 Instead of doing it on the table thrik of

3 Thirlik of the stocks as if they were part of an Exector set



4 Would proces of Styrofoam help in building something with the stacks?

5 if you were traveling in Egypt what comes to mind?

 If you were to camp out what special experiences would you have?

² How do you pitch a lant?

The solution is to arrange the ox stocks in a pyramid or tetrahedron.

PUZZANALYSE

 The feeling of not being able to do it often indicates a person who is depressed with low self-esterm

 If can tibe done is heard from people who don't own up to their own responsibiltes. Wener rays

3 If you feel there must be a trock ' does his reliant general feelings of distrust to word therapists games editors, and others?

4 One newspaper reporter laced with the tranges problem, broke the socies. When Wener asked in this reminded him of anyfring, the man said he had problems controling his anger.

5. A person who needs tants or who gives up and sume to the answer page faints to be passee and copendent, not a go getter or inscire. Wener save.

6 Humor is often used to buffer general leeings of anxeety but a playful attracte is the most healthy and creative way to eposach puzzle solving.

iii) O one calculation indicating on the transferse postern and minimized of levelings he had not associate and intervention of levelings he had built arowerg part of the over my most reveal even that the growerg part and the vect tab through to mail eventions. The root of the leveling waynows So I can you for har too come to me interved. The root of the levelings mail variable waynes to come the other out.

If all of this instant analysis closer t make you feel better take two Rubice cubes and call us in the moming OO





PHENOMENA

The second secon



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P2012年古月12年古台生命中古月12日

THE KITE MAN

COMPRESS HIGH INC.

coupting loadly we clashed home and dug out from our back drawers the tocke weld mgle heavywith coms. The ker man dach load good. He was back in his yellow com durup parts, and they aren dotted with ot his supporties were gone, he heart shaked and his chine was clouded.

"Twelve dokurs and seventy-five cents" is sed when we cathered around him

The late man look the coins and let them fail from one hand to the other At each clink it was like an electric shock ran through him.

"We wait cur magic late now" Many Jos mine said

"Sat so, just so," the kilo man said He stepped around his car and took out a kilo, tight-wapped lies all the others, but hicker in the maddle. Though the borders were of kilo paper in the middle was somethin richer and shrines like is way here clish

As we started at the kite cur heads swarr with the smells and chalter and bright colors of the bagaar the kite had come from

The kille man grew harvous and cast his eyos wenily up and down the street

What do we do with it?" is gri asked "Do you want to come away with me?" the

Two gets started to shake their heads, but the set of up defect do profilero.

"Do you want to size here all your los

We looked at one exerter at he toxic of wooden houses at the kits then up at the day. I hought of my life here and emethbened nothing but angle and angush "No," we all and at once.

The kite man anapped attacht "You" he said, porting at Billy Jasmine. "go to Mrs Henry and tell her to come ucht now."

Rodney," Miss Henry called from down the block. She canned her white suitcase

"Hury, Itury, Ite kite man said. The kite was together note and from the car's truck the pained along roue of taked departer regatives of all onlines and kinds of okth, and starting stoat hallway down at sixth to them was a angabow and a taket toop. With the tope hooked on. The Kite jumped around stattable, Re a wich form hold to a oxte-

'Get in a line,' the kite man said as Billy and Mrs. Henry gol to us. Down the block our parents were coming, webwardly half running half walking, movno as they did in the days before togana.

The lett was in the air and is claim (a light) cay with as life most kites but look of strength at about a firstly-degree angle looward the north. We instead of the lag topobateveor us, and each took a leather thorag at the and What tho koo was a few hundhed betwee as these with her had and Min Hainly at the and What tho koo was a few hundhed betwee as the several most horm in pains base along, we find a pit in car arms. This a standy pulla are were think to horm the way

The proces should pair as improve, as all concernance and a pair of the concernance of the thermal states of the pair of the concernance of the thermal states are also all the concernance of the pair. It is the pair of the pair of the states the pair of the pair of the states of the states the states of the pair of the states of the states of the pair of the states of the states of the states of the pair of the states of the states of the states of the pair of the states of the states of the states of the pair of the states of the state

We landed partly about fifsen miss from home, in a packar outside Mortfork, and the larmor whose land it was more us and caled the police because scon there were enough cale to juck us all up. At but the late man and Mas. Henry this cale score we landed they tork oft through a row of bearther and were inter score down.

All the way home in the police can every time lithought of how much liveried to keep going a burning tear an down thy obold. Not I knew I was being ungreatul and that even the kite man could not give the tea keope I desired CO

13 B. Co.



By Scot Morris

I am elways doing what I can't do yet in order to Joam how to do it.

I remember the memory hand hand balance for prozen i near the parabicollection - mello parabiparability of the parabicollection - mello parabicollection - mello parability of the same that cheak as close to acknow the prozen that links or close to acknow the prozen that links our ment improved mello parability of the them in the memory ways of ally parability of parability day and the ment parability of the them and them met down them in the them and the activity of them is the them and the activity of them and the them and the activity of the same the them and the activity of the same the them and the them and the them and the same the them and the them and the them and the same the them and the the same activity of the same the them and the them and the activity of the same the same the them and the same activity of the same the them and the same the the same activity of the same the same the the same the them and the activity of the same the same the same the the same the same the activity of the same the



ector a guy who is supposed to know a thing or two about puzzles, confronted with a classic problem. I know that seen many times before and four simple pieces that opened like a upper puzzler is rutilimate.

Ecostohi stay any kergar and Ecostohi take the puzzle with me. The thought of adving Sociam for the solution carrier and work—I wouldn't sink that low So I traced the pieces in a notebook, sad fifs work on I some other lines and bit terwell.

About the interface same triving at a funcling f, and regression study. If loaded down at the load stapping in my matching and index the processing and the bits in my matching and others there is out the phone out-in-leader that is approximately and the phone states of the phone phone of gradient down as indexing of our repletences and happeness. Some of index of phone was and the phone states of the phone the physical impression of that the down mpment was so word that I even know the intersection I was slopped at-the corner d Writhre and Westwood bouleverds

To try your hand at the T puzzle copy the stapes at left and out them out. The task is to an ange the four pieces into a 7 Look aug/? Try 4

PUZZLES BY PRESCRIPTION

If the puzzle solver geoperations is a present boot to survey and me, region anisonal potions—people with chosen depresants, see or keeping of being out of control imposents, or unable biologie with solvery a puzzle would be as regreters. It charging a guarder and be as regreters the charging a guarder and be as regreters. The charging a guarder sold be as regreters. The charging a sold be charging a sold be provided by Minket. Sold be regreters and the charging a sold be regreters and the charging a sold be regreters and regreters a

Waters is to reaconse? His test research in 1960, in the area of reality lesting, attracted the electricis of psychologist Jean Paget3 General wistfuller in 1965 and 1966 Paget wold the transed to Wener's second book, and the land of term collaborated on a meaning learch is 1967.

The central theme of Weiner's psychotherapy is that an ounce of kepkinence is worth a pound of talk and anelysis. Merel understanding and reflecting on your oroblems settlencuch.

process on removing But why pucces? They are tangble challengue that a peterni even the core taxler Wearn says. "A tatto taste of success is complement to best antioble to feelings of powerkeamers, and how self-expert. Some people need to learn how to learn and pucces can help, expectedly with patients who are withdraw or respected?

Wenner has obvioped more than 200 bekis that he uses in therapy—tech applo prate for ourtain types of patients, in dealing with certain types of problems. For exemptive with a patient who foll passive incompatiant, and not in control of her own dealow. Weiver introduced the basis



problem. As allowen to soallo above, if command, of all indiversity of a soallo above, three includes works and as manowed point, and the fail woodboard torike. Each otdek is two and there quarters inches long and one in a broad two adole boarders are made. I soal, they would go and to the orders are without getting well, sumpring, or typing on anising the boards location?

This paper care is pich does trace the paper set of the tis pick which which paper set of the pick which which paper set of the pick which and impact which paths and which and impact which the set of the pick and impact which the set of the pick and impact which and the set of the pick and the pick which are the set of the pick bear the set of the set of the set of the set of the material of the set of the set of the set of the material of the set of the set of the set of the material of the set of the set of the material of the set of the set of the material of the set of the set of the material of the material of the set of the material of

For enother patient. Hall a therty-twoyear-old parameter schoophnanic with a tenuous hold on reality.' Weiner introAudot the Prog-Prog Detailing particlem as a way of when you is the test and the min to develop the Method and Audotabet is given both methods when the networks of the Audotabet is given both methods and the Audotabet is given both methods and the Audotabet is and the second second and the Audotabet is and the second second and the Audotabet is and the Audotabet and the Audot

Not people isocrineakas that the 'locia' official an insidepatie---they serve only as decays. Then they broaden their attention to 'anything in the room.' If hey think of the ball as only an object without poord characteristics they don't get far it iso Weiver saks them to concertate on the poord or poorted of the People you but the poord or poorted of the People you but

When serve of the most subject subjects and the server is the server of the most subject many servers and the servers and the

"Why do you want a puzzle?" Wang asked



It took Hall more view as hour to easier the tragment, but he dold is He was discharged from the hospital after eight dags and continued Weiner's therapy for another year. At less report Hall was working as an Aste, Juling Litre of a doubled person WHE'RY TO-MART.

Waren's expenses has made him an export in the att of hinting. The this year must take a middle toad batwoon not encugh and bo much. He shouldn't let a severely depressed pakets founder in the severely depressed pakets founder in fructises detectores—that only heightoms his sense of facture and increases the transfersy to which wild in the other hand if the therease) arrise in and gives dues permaturely to holds the patient of the gradfication of sell depowery and undermines facilities of each worth, competence and being in certain of anise one his

As an assumption of controlocal terming, controller the transpire problem. You are long, and taken to make it more than to any apartering any abox, with all control of any apartering any abox, with all conte of all significant or particles, with all conte of all significant or particles, with all conte of all significant or particles, with all conte of the significant or all the significant particles and particles of all thesis for the particle and hospital to the basis of except basis in the one main there not particle and hospital to the basis problem. You can to both the transpire problem.

PUZZANALYSIS

The way you solve a puzzle is often indicative of the way you approach pobleme in everyday/tile. As you try to solve the problems presented in this column. (T puzzle, brook Ping-Pong ball

Here are seven possible expensions of the behavior there are seven possible expension ces you might have in puzzle solving. Which ones apply to you? A simpletic sinalysis can't be definitive, but if can be useful. Or fire insurer page with reveal what Weren bas to see offen at and a constrainth.

1 is your first reaction, "I can't do it Tm no good at this ?

2 Do you think, "It's impossible it can't be dong?

3 Do you feel that the problem must have a "inck" to it?

4 Do you become anyty or belittle the task when you don't find an easy adulator?

5: Alle you competible to ask for hints or clues or to give up easily and turn to the answer name?

6 Do you make a game out of the task and treat it playfully or make jokas about it

Animeters are on page 108 CO



LAST WORD

By Terry Picksto

Connors is one of a new breed of automotive maintenance specialists who promise to change gatages forevar. He is the world's first car psychologist ? the southe . : partament?"

"Gome on, openue: the popularism"

"Look Tosell hop you unless you by to occurring also with mo. I'm your follow! "Bont longet your keys." (I'm feodlight) more users to a store

- All Connects travies the information of the basis is sign day at the parkage. All Rough the is study day at the parkage is the basis of the end of the highest point park and the sign of the endings parkage. He waste a hard tablest endings parkage he waste a hard tablest endings and calors as a langement. He waste is many the basis hard here as a response and calors as a langement. He waste is an ending the basis of the basis of the parkage here the basis of the basis of the response and the basis of the basis of the response of the basis of the basis of the response of the basis of the basis of the response of the basis of the basis of the response of the basis of the basis of the basis in met basis of the basis basis basis in the basis of the basis of the basis basis.

el automotive maintananae specieliste vinc promise to otrange garages forsiver 19e astro-workd's first car psychologist.

These pair translations for the woldsolar yold of the association with a lengcomputing memory is a consolation of the flags of the solar analysis but accossingly mere and actually consolers allocations. Therein the association allocations are associated parallelistic associations and the the association and the association and the the areal and account that can mean the table of death of the wheat death or association.

 Canwards pate the lacket of a recently larveset body form; patient in a staff of his judie Bodyard Mind Breo. "The line medianes who isobard at this dar opatient field anything mixing with 4.-ao too toball the engine, explained at the fields, and reweld is that init darts to opatie the dark entrotoethyroot. Taves percenservistic."

Industry makers are still appulsing the operation of the profession four incorporate features that the second second of the second second appropriate methods alteration to the observed the Dedays, the provident was need analysis applied to the second second second heatings of appearum, the alternative applied applied by the second second heatings of appearum, the alternative providence in the second second heatings of appearum, the alternative applied to the second second second second second heatings of appearum, the alternative applied to the second s

A simple microsis, early: Conners-cays, The ope biologies to in classific and in throadtan sinan ungarege who a BMM. The Drag and a second nois and sponds most of the draw in the garege-unsities time-to go antipperigram chair of the biologies of Sponis Turit Budder Heit, Twite encoded to give anyone an interfering contagion.

Druce the problem has been fourier the toespy' is close quice easy. "Not have a kine there have have 15th have with simple beans by due standards, "says Comons, "So is closen take much of a prop of the hit have sen kalled much and In the class of the Dodgo, we just played if a few Lee lapopoa commercials."

Anis as "to Air hau, testisti dipubmobles altistati win a countage wanaty of mental depoters---with a tase of stocases mad. "human" paratalogiste would envy Egittytes paratar al al the cas he sees regare any are visit wery lesi of them alle exist yound backwall in a soften alle exist.

"Most of the problems are predictable," Correct excitite, "In a given day Limity treat a Castillac suffacting from dolusions of gradidaul or a Penault Le Car that feels "breast suffactures for an article articles."

Many autoricense problems are particular to autoroality "Ralah cars are particular prematuer tail injection, which is undersectable when you consider the way they're applicated to perform.

 Separates cars eard to be a Hile.
plannick—thay shraps had that the bigger Anterican cars and trying turun them of the mat. Of pouns, they actually are sying to no them of the road, ball working about a family and the bary good."

Deep in invitiads of the galaxies a low cars are partial of in spoored patidity. Inthis where white patieness invitient shares them under 24-hour surcellaroo. The holiwayd space, non-a live account feature best best surgers and this account feature classes of marking motions.

Trus is where is, one high sork usit for one has have able have it were baing boot in the have the Conhoirs down his most exponent work, instance case that have boon driven representation is all driven and the second solution of the history of the second solution of the second musicio car. Today Common to part to perform an avel lobation or a Woho

"Manic depretave " axplains Conners "Not at all surprising really Sweden has the highest surcide rate in the work!."

A suppryses as three holes are offed into the plastic casing of the kiny electronic brain to elemente the defective counts that formant a. The crow stands back as the key is turned, and the endere todrict to fire.

Cenugging off the backshaps and hansahabar from the backshapses, Connors alidas behind the wised and annual the gap, the knows the operation wont be a success until the nar has been rested on the gapt bicks award.

But paulties Vestro junctime term in statul, its inactinancial loader and provide the vest is true to your provide the service of the vest is true to the service of the service of the provide screen must find Vestro true to write provide cell. "You and me, Concore. You and me, there existing allowed me, Concore. You and me, there existing allowed me, Concore. You and me, there existing allowed me, Concore. You and the the the service of the service to hell?"

The lading volue is cut of by the dystel of test in this detained table of the dy an explosion As the dow grate fremastin publies and solambles cut the cell. The packed oxilis of Wind H tax) is may as assent of home clamps in target CO

Tany Russi Ives in Chicago anti-arrives a 49 Pontes DTD with classifications