

Dr. Healy Pledges "Full Court Press" In Tech Transfer

NIH Director *Dr. Bernadine Healy* and *Dr. Samuel Broder*, NCI Director, both gave strong support to technology transfer programs at NIH in featured appearances at the June 3-4 technology transfer conference jointly sponsored by NIH and the Pharmaceutical Manufacturers Association.

Describing the NIH mission as one which strives to improve the health of "every man, woman and child," Dr. Healy told participants "NIH cannot do this without a full court press" in technology transfer. NIH is "unequivocally committed to technology transfer," she said during her 45 minute appearance, which included 25 minutes of questions from participants. Dr. Healy presented an overview of evolving NIH policy on reasonable pricing of products licensed by NIH and of the issues involved in patenting gene sequences.

Building on the conference theme of drug development partnerships, Dr. Broder told a luncheon audience that an effective working relationship between public and private research is crucial, and that industry has a special responsibility in reasonable drug pricing.

"The rapid development of safe and effective therapies for life-threatening diseases is our mutual goal. And to be candid, the public wants them to be reasonably priced," said Dr. Broder, who then quoted P. Roy Vagelos, Chairman and CEO of Merck, in support of this view: "Pharmaceutical companies must set reasonable prices, must keep price increases down, and must help improve access to important medicines."

Dr. Broder also emphasized the special role of NIH, particularly in basic research: "NIH belongs to the American people and it answers to the American people. We were founded out of concern for the pain and suffering of people dying of various diseases. Some call this the politics of illness. But I view it as the public enunciating its expectations," he said.

Other featured speakers at the third annual conference included *Dr. Philip S. Chen, Jr.*, NIH Associate Director, Intramural Affairs; *Dr. Charles Grudzinskas*, NIDA/ADAMHA; *Dr. Jay Moskowitz*, NIH Associate Director, Science Policy and Legislation; and *Dr. George Milne*, Senior Vice President, Central Research, Pfizer, Inc.

Panelists and moderators from DHHS institutes, centers or agencies included *Reid G. Adler*, OTT; *Eric Greene*, CDC; *Mark Hankins*, OTT; *Dr. Carol Heilman*, DMID/NIAID; *Barbara*

McGarey, OGC/DHHS; *Mike Miller*, OTT; *Michele Russell-Einhorn*, Office of the Special Counsel for Ethics; *Dr. Sandra Shotwell*, OTT; *Dr. Robert Strausberg*, NCHGR; *Dr. Robert Yarchoan*, COP/NCI.

ABC Supports Venter Patent Applications

The Association of Biotechnology Companies (ABC) has written to President Bush in support of NIH actions to preserve options for transferring genome research results by filing patent applications covering nearly 2,000 gene sequences developed by *Dr. Craig J. Venter*, NINDS, and his laboratory.

"Specifically, ABC supports the government in its decision to file the Venter patent applications as a means to preserve its options on how best to utilize the technology for the public benefit," *Dr. Forrest H. Anthony*, ABC President, wrote in the May 18 letter.

"ABC has been working with NIH to develop an appropriate licensing policy and strategy to assure that the people of this nation will experience the benefits of better health care and that the economy will benefit through growth of the biotechnology industry," the letter continued. "We urge that you ensure the necessary resources to the NIH Office of Technology Transfer to carry this out."

OTT On NIH Voice Mail System

OTT staffers are now a part of the NIH ASPEN Voice Mail System, joining about 1,500 other NIHers campus-wide.

The system provides callers a way to leave detailed messages for OTT specialists rather than having to play "phone tag." This is especially valuable when patent or licensing specialists are tied up on the phone or in meetings with inventors, with law firms, or with potential licensees.

To expedite the handling of the high volume of calls to OTT, callers should call one of the four OTT Branches on the following direct numbers:

Patent Branch — 496-7056

Licensing Branch — 496-7735

Management Branch — 496-7736

OTT Director and Administrative Officer — 496-7057

Please be patient, and please leave a detailed message. Someone will respond to your call as soon as possible.

NTIS Transition Task Force Submits Final Draft

The final draft NIH Workplan for transferring patent and licensing activities from the Department of Commerce, National Technical Information Service (NTIS) to NIH has been submitted to Building 1 for review.

The plan, which will be implemented over a period of several months, will result in a transfer back to NIH by February 25, 1993 of all functions pertaining to DHHS inventions. The plan will provide for staff, expanded space, operating procedures, and interagency coordination, necessary to implement this transfer of responsibility.

After review and approval by *Reid G. Adler*, J.D., OTT Director; Dr. Philip S. Chen, Jr., Associate Director, Intramural Affairs; and by *Jack Mahoney*, Associate Director, Administration, the NIH workplan will be submitted to the Office of Assistant Secretary for Health at DHHS, which will oversee the transition.

Members of the transition task force are *Girish Barua*, NTIS; *Jane Biddle*, NIAID; *Dacia Clayton*, OGC; *Ted Colburn*, ADAMHA; *Bea Droke*, FDA; *Steve Ferguson*, OTT; *Nancy Gates*, DFM; *Eric Greene*, CDC; *Linda Harris*, OTT; *Kimberly Hooven*, OTT; *Marjorie Hunter*, OTT; *Star Kline*, OASH; *Dick Lambert*, OGC; *Tom Mays*, NCI; *Mike Miller*, OTT; *Bill Mowczko*, NIDDK; *Norm Prince*, OASH; *Elaine Ray*, OTT; *Penelope Strong*, DFM; *Tom Wiseman*, OTT.

Additional assistance is being provided by *Pat Abell*, Division of Management Policy; *Jack Campbell*, ADP Security; *Joanne Eater*, NIH Forms Management Officer; *Wayne Heiden*, OD Information Technology Coordinator; *Sue O'Boyle*, NIH Records Management Officer; and *Cheryl Seamon*, NIH Privacy Act Officer. In addition, *Roger Ditzel* of CALPAT, former head of technology transfer for the University of California System, is acting as a consultant to OTT on the transition.

Fifth Annual PHS Technology Transfer Forum Scheduled

OTT is currently working on the program agenda for the Fifth PHS Technology Transfer Forum to be held on **October 29-30** at the Lister Hill Auditorium.

The Forum will consist of two single topic sessions. The first day, and half of the second day, will focus on emerging technologies and areas of research for drug therapy and drug delivery. The afternoon of the second day will focus on vectors for gene delivery.

In addition, there will be an evening session on the first day for discussion on legal and philosophical issues in technology transfer. We will keep you updated as the Forum draws near. Mark your calendar and plan to attend at least part of this important conference. For further information, contact Carolyn Craig, OTT Technology Management Branch, at 496-7736, who is the project officer.

OTT Needs Additional Personnel

Additional temporary personnel are needed in OTT on an immediate and short-term basis to help with the transition of NTIS activities to NIH. Specific needs are for management analysts, computer specialists, program analysts, and administrative assistants.

If anyone from an Institute, Center or Division is interested in working in a challenging, fast-paced growth environment on a temporary assignment, please contact Kimberly Hooven, OTT AO, at 496-7057.

Temporary Staff Assignments Announced

In order to focus more resources on critical management activities during OTT's growth and transition to in-house licensing, OTT Director Reid G. Adler has named both David Sadowski and Mike Miller as Acting Assistant Directors.

Both Dave and Mike will have specific responsibilities in the new temporary assignments, focusing on management needs in the next six months, and co-chairing the OTT management committee.

In this new role Dave will focus on operational issues in the patent and licensing branches, including evaluating and developing improved procedures in a number of activities, including default deadlines for licensing transactions.

Mike's duties will focus on organizational issues, including developing appropriate branch infrastructures, developing internal controls, facilitating personnel planning and recruitment, and managing the NTIS transition.

OTT Enters NIH Relays

Two teams from OTT — Rapid Transfer I and Rapid Transfer II — competed in the 15th Annual NIH relay held May 20. The teams consisted of five members each and each participant had to run a 1/2 mile course that looped around Building 1.

Representing OTT in this year's event from Rapid Transfer I were *Dacia Clayton*, *John Fahner-Vihtelic*, *Mark Hankins*, *Larry Hyman*, and *Gloria Richmond*.

Rapid Transfer II members were *Reid Adler*, *Bob Benson*, *Art Cohn*, *Steve Ferguson*, and *Barb Johnson*.

There were a total of 56 teams entered in several categories: all male, all female, and co-ed. The combined winning time of 13:02 was clocked by "Running on Empty". Rapid Transfer I placed 42nd with a time of 17:41, and Rapid Transfer II was right behind in 48th place with a time of 18:40.

All of the OTT participants and spectators had a great time watching the competition and enjoying picnic lunches on what was a picture-perfect Spring day. As far as the results are concerned, most of the participants are already looking forward to next year and improving their times.

Profiles

Dr. Robert Benson, Senior Patent Advisor, is one of the OTT veterans and has been with the Patent Branch since August of 1989, including a stint as Acting Patent Branch Chief at OTT. Before that he was a Patent Examiner at the U.S. Patent Office, examining patent applications in the pharmaceutical and biotechnology fields.

In his career, Bob has also been a salesman for a start-up company on the west coast, a professor at a small upstate New York college, and a researcher who answered the question "Is the Great Red Spot of Jupiter red because of red phosphorous?" (See Bob for the answer).

Bob has a Ph.D. in physical chemistry from NYU. His interests include art, music, fixing up his co-op apartment, backpacking, and looking for racquetball opponents.

Kimberly Hooven, Administrative Officer, joined OTT in December of 1991. She has been at NIH 12 years, starting in the Administrative Office of the Office of the Director. She was a Senior Budget Analyst in the NIDDK Budget Office for six years, handling the intramural budget, and was Administrative Officer at DCRT before coming to OTT.

At OTT, her responsibilities include personnel, budget, procurement, property and space. Kim also serves as a liaison to the TDCs on funding and billing matters involving the ICDs, and is currently negotiating Interagency Agreements with the Centers for Disease Control and with the FDA, as well as assisting with the NTIS transition.

She has a business management degree from the University of Maryland, and has just finished the 91-92 class of the DHHS Women's Management Training Initiative (WMTI). One-hundred DHHS employees were selected for this program from over 800 applicants, and only 17 were from NIH.

Kim's husband Tom is a Deputy Director at EPA, and her daughter Molly, 5, attends NIH Preschool. Kim likes to spend as much time as possible with family, vacationing in Maine and keeping up with a new nephew in Dallas.

Mike Miller, Public Affairs Specialist in the Technology Management Branch, has been at OTT since November of 1991. He has 13 years' management experience in government and private industry, and was a press secretary before that.

A charter member of the SES, Mike was Assistant to the Secretary of Commerce and also Assistant to the Secretary of Energy in the Carter Administration, was Deputy Campaign Manager of the 1980 Presidential Campaign, and worked in the White House Office of Personnel. After leaving the government in 1981, he became Director of New Markets Development for Westinghouse Broadcasting and Cable, Inc.

Mike earned his undergraduate degree in Philosophy with a minor in English from Drury College. He prefers to spend his free time with his wife Nancy (a Ph.D. at NIH), and their three sons — Nathan, 15; Sean, 9; and Bradley, 6. His interests include driving one of his two Mustangs, cooking (and eating) good food, and playing a little golf.

Daniel Passeri, a Licensing Specialist at OTT, started in January of this year. He has over five years' experience in the

biotechnology industry, including experience as Director of International Marketing with International Biotechnologies, Inc., and as an industry market analyst with New England Biolabs. Dan has also worked as a patent examiner in the biotechnology group at the PTO.

He earned his undergraduate degree in Biology from Northeastern University, and his Masters in Biotechnology from Imperial College of Science, Technology and Medicine at the University of London, where he was awarded the Overseas Research Student Award. Dan is currently attending The National Law Center at the George Washington University for his Juris Doctor degree.

Dan has a 21-month-old daughter named Sara, and he and his wife JoAnn are expecting their second child in November. He looks forward to the distant day when he can get a full night's sleep. His other interests include trying to beat Bob Benson in racquetball.

Roberta Ravitch, Secretary to the OTT Director, joined OTT in 1989 as one of the five founding members. She has worked for NIH since 1976, spending the first 11 years in the Laboratory of Pathology and Laboratory of Cellular Carcinogenesis at NCI as secretary to the Lab Chiefs. She also worked in Building 1 for two years as secretary to the NIH Coordinator for Disease Prevention and Health Promotion in the Office of the Associate Director for Disease Prevention.

Roberta is a native Washingtonian. She and her husband Murray have three children and three grandchildren. She enjoys vacationing in the sun with her husband, spending her spare time with her grandchildren, and romping around with her miniature sheep dog Sandi.

David Sadowski, Patent Advisor, came to OTT in December of 1991 from his position as a Patent Advisor in the USDA Agricultural Research Service. Prior to transferring to the USDA, he was a Patent Examiner at the U.S. Patent and Trademark Office for 11 years, six of those as a Primary Examiner. He has an undergraduate degree in Chemical Engineering from the University of Maryland, and while working at the PTO, received his Masters Degree.

Dave's pride and joy is his family, which includes wife Janice, who is a child birth instructor, labor assistant and loving mother; daughter Rachel, 8, who is an award-winning artist and avid equestrian; and daughter Emily, 4, who is a pre-schooler scholar and dance enthusiast.

Dave enjoys taking care of the Sadowski farm, which includes producing a variety of fruits and vegetables, and raising a variety of animals including chickens, ducks and goats. The latest addition to the Sadowski family is a miniature Arabian Falabella horse named "Teracetta".

Management Specialists

Lili Portilla, working in the Licensing Branch, has been detailed to OTT from NHLBI where she serves as Acting Technology Transfer Coordinator. Lili is assisting on various licensing issues, and helping on management issues as well.

For three years, Lili worked in the accounting department of a Houston bankruptcy law firm. She then moved to New York City to work as an Analyst for the City of New York's Welfare and Food Stamp Programs. While employed for the city she

worked on various social issues such as homelessness and job training programs.

Lili has a double major in Finance and Hispanic Literature from Stephen F. Austin University and is currently working on a Masters in Public Administration at the American University. Her hobbies include hiking, reading and traveling - her most recent trip was sailing and visiting the Galapagos Islands with her family. A native Texan and a daughter of Cuban immigrants, Lili resides in Kensington with her husband Michael and their dog, Buck.

Linwood Corbett, working in the AO's office on a two-month detail, is an Administrative Officer with the NINDS. He is currently completing a two-year administrative management training program, and is planning a career in budget and administrative management.

An avid tennis fan and sometimes player, Linwood looks forward to this summer's Wimbledon and U.S. Open tennis tournaments.

Mary Lawrence, NIH Management Intern, just finished a two-month rotation in the AO's office. Before selection for the MI program, Mary was a Program Analyst in the Office of Policy and External Affairs at NIDA. Her other rotations have been NICHD, NIDA, and NCI. Her rotation for June will be the Intramural Operations Section in NCI Personnel.

Mary is relatively new to the government, and previously taught and administered a local Montessori school while completing an undergraduate degree in Business and Management. The beginning of the MI program coincided with her return to school to pursue a graduate degree in Applied Management.

For information on the management intern program, call the NIH Training Center at 496-6211.

Welcome Special Volunteers

Each summer, OTT accepts a few special volunteers to assist in handling the OTT workload and to learn about technology transfer. This year's group has just arrived, and is already immersed in the hectic pace at OTT. Welcome aboard!!

Noland Cheung, working in the Licensing Branch, grew up 10 miles from exit 5 on the NJ turnpike in a town famed for Carl Lewis. Because Noland was not famous, and was instead semi-mathematically inclined, he went to Carnegie Mellon University and graduated with BS in Chemical Engineering, and also Chemical Engineering and Public Policy. Afterwards, he worked for a chemical plant in Pittsburgh as a Management associate and later as an Operation's engineer in charge of plant production.

After a year and a half of manufacturing tar, and breathing in toxic benzene, Noland entered law school and will be enjoying his final year at the Dickinson School of Law in Carlisle, PA. He plans to enter into Intellectual Property Law and enjoy life with his fiancée, Lisa, who will be an M.D. in Obstetrics. Noland's hobbies include volleyball, tennis, and Rotisserie baseball.

Alice Gallin, working in the Office of the OTT Director, graduated from Amherst College two years ago and spent a year living in the "Big Apple" where she worked as the Production Coordinator for an independent producer of documentary films on health-care issues.

After surviving an interesting year in Manhattan and the roller coaster of public television funding, Alice spent a summer

in Aspen, CO, saving money for law school and experiencing the beauty of the mountains and the incredible music of the Aspen Music Festival. Last fall Alice began law school at Boston College Law School. She thankfully completed her first year in May and looks forward to another stressful year as a 2L.

Alice is not completely new to the NIH campus; she worked for three summers during her undergraduate years disseminating information and helping with the press in the NIAID Office of Communications. During her spare time (after finals), Alice rollerblades on her new skates and goes to movies, plays, and concerts.

David Marks, Licensing Branch, is a law student at the University of Maryland and has an active interest in molecular and cellular biology, virology, immunology, and oncology. He has conducted research on the effect of the c-fos and c-myc oncogenes on the cell-cycle, and has examined the expression of the c-sis oncogene in various oncogenic cell lines.

An 1987 graduate of Washington University, he studied molecular biology at the University of Pennsylvania, and worked at Biosis as an editor/analyst. He has just finished his first year of law school. Before starting law school, David liked to study annual reports from major pharmaceutical and biotech companies, and do database searches on the various projects.

David says his major hobby is keeping his wife happy. Other than that he attends law school. In the few minutes of his life not spent in these endeavors, he attempts to kill the multitude of plants in their Baltimore apartment, and the cichlid fish they have. He enjoys cooking, but rarely has the time.

Clifford Weber, working in the Patent Branch, is a law student at the Georgetown University Law Center and previously worked as a medical writer/researcher at the Washington University School of Medicine. While there he focused on magnetic resonance imaging of the cardiovascular system, and contributed three chapters to a radiology textbook.

In addition to studying the medical sciences, Cliff holds an M.A. in 19th and 20th century American social and political history. He received his undergraduate degree in History with college honors at Washington University.

Outside of academics, Cliff enjoys tennis, music, Spanish, writing poetry, and spending time with his wife, Marie. Cliff is also an avid Baltimore Orioles' fan.

Kristin Woycik, working in the Patent Branch, just completed her first year of law school at Syracuse University College of Law. At Syracuse, she is an elected member of the Student Senate and the Secretary of the Environmental Law Society. She is also the President of the Law and Technology Management Program for the Class of 1994. This is an educational track which focuses primarily on Intellectual Property and Patent Law.

Kristin received a BA in a double major of Biology and Chemistry at Lafayette College, then went on to the University of Connecticut and was awarded a MS in Molecular Genetics. At both Lafayette and UCONN she made the Dean's List by receiving a higher than 3.45 G.P.A. for a semester. She worked for Oliff & Berridge in Alexandria, VA prior to law school to gain experience in the patent field. There, her tasks included patent searching, patent application preparation and patent prosecution.

Her favorite pastimes include rockclimbing, skiing, softball and bike riding. She also likes to spend time with her fiancé David Yohannan, whom she will marry on Sept. 12, 1992!

OTT Calendar

OTT CALENDAR OF EVENTS 1992

JUNE

22 PPB Meeting -- Cancelled

JULY

13 Grand Rounds, 1/Wilson Hall - 12:30. Speaker: Ms. Bobbie Brandon, Associate Director, American Type Culture Collection

13 TDC Meeting, 1/Wilson Hall - 1:30-3:30

15-16 Association of Federal Technology Transfer Executives (AFT²E) meeting, Dulles Hyatt Hotel. Contact: Deana Moore, 1-800-678-NTTC

21 CRADA Subcommittee Meeting, 1/151 - 1:00-3:00

27 PPB Meeting -- Cancelled

AUGUST

10 Grand Rounds -- Cancelled

10 TDC Meeting - Cancelled

18 CRADA Subcommittee Meeting, 1/151 - 1:00-3:00

24 PPB Meeting -- Cancelled

SEPTEMBER

14 Grand Rounds, 31/Conf Rm 7 - 12:30-1:15. Speaker: To be announced

14 TDC Meeting, 31/Conf Rm 7 - 1:30-3:30

15 CRADA Subcommittee Meeting, 1/151 - 1:00-3:00

28 PPB Meeting, 1/151 - 1:00-3:00

1992 TECHNOLOGY TRANSFER CONFERENCES AND COURSES

JUNE

18 Maryland Biotechnology Network Monthly Breakfast, NIST, Gaithersburg, MD. Contact: (301) 762-6325

24-26 17th Annual Conference of the Technology Transfer Society, Atlanta, GA. Contact: Dr. McGovern (404) 542-6283 or Maureen Swinney, Technology Transfer Society, (317) 262-5022

JULY

13-14 Eastern Regional Meeting, Association of University Technology Managers, Herndon, VA. Contact: Penny Dalziel, AUTM, (203) 852-7168

15-16 Inaugural Meeting, Association of Federal Technology Transfer Executives (AFT²E) meeting, Dulles Hyatt Hotel. Contact: Deana Moore, 1-800-678-NTTC

21-25 "Science Innovations," AAAS & 'Science' magazine conference and exhibition in San Francisco, CA. Contact: AAAS, (202) 326-6450

SEPTEMBER

8 ABC Biotech Tuesday, "Bilateral Cooperative Arrangements -- New Order and New Opportunities in Europe," Washington, DC. Contact: Richard Okiuye at ABC, (202) 234-3330

21-22 NIH Research Festival

OCTOBER

13 ABC Biotech Tuesday, "Conflict - Resolution -- Ethical Issues for Biotechnology," Washington, DC. Contact: Richard Okiuye at ABC, (202) 234-3330

29-30 Third Annual PHS Technology Transfer Forum, Lister Hill Auditorium. Contact: Carolyn Craig, OTT, 496-7736

NOVEMBER

2-5 FLC Technology Transfer Meeting, Scottsdale, AZ. Meeting information coming out September 1.

DECEMBER

1-3 Third Annual TECHNOLOGY 2002, sponsored by NASA for federal labs, Baltimore, MD

8 ABC Biotech Tuesday, "Biotech 1992 -- The Year in Review," Washington, DC. Contact: Richard Okiuye at ABC, (202) 234-3330

The OTT Calendar of Events is updated monthly. Call the OTT at 496-7736 to confirm dates or request updated calendars.