



Item: AS: A-1

Thursday, March 10, 2011

**SUBJECT: REQUEST FOR APPROVAL OF HONORARY DEGREE NOMINATIONS**

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**PROPOSED BOARD ACTION**

Approval of the conferral of Honorary Doctorates on Dr. Michael Posner, Dr. Michael Turvey, and Mr. Arthur Jaffe.

**BACKGROUND INFORMATION**

University Policy 2.3 (Honorary Doctorates) specifies that those nominated for Honorary Doctorates be recommended to the FAU Board of Trustees by the University Faculty Senate Honors and Awards Committee, the Provost, and the President. Three candidates are being recommended:

Dr. Michael Posner and Dr. Michael Turvey have been nominated by Dr. Gary Perry, Dean of the Charles E. Schmidt College of Science. Dr. Posner is Professor Emeritus at the University of Oregon and was awarded the National Medal of Science in 2008. Dr. Turvey is Board of Trustees' Distinguished Professor at the University of Connecticut and the 2009 recipient of the Bernstein Prize in Motor Control. Both Dr. Posner and Dr. Turvey have long histories with FAU and our Center for Complex Systems, which is celebrating its 25<sup>th</sup> anniversary this year.

Mr. Arthur Jaffe has been nominated by Dr. William Miller, Dean of University Libraries. Mr. Jaffe had a distinguished 30 year career in business in Pennsylvania, Ohio and Michigan. In 1984 he moved to Boca Raton as Founding Director of the Jewish Community Foundation of South Palm Beach County. He has an 18 year history with FAU, as a volunteer, Endowed Ario Hyams Professor in Libraries, and curator of the Arthur and Mata Jaffe Collection of Books as Aesthetic Objects. Mr. Jaffe will be celebrating his 90<sup>th</sup> birthday this Spring.

**IMPLEMENTATION PLAN/DATE**

If approved, these Honorary Doctorates will be conferred at a future commencement ceremony.

**FISCAL IMPLICATIONS**

N/A

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**Supporting Documentation:**

**Nominations for Honorary Doctorates**

**Presented by: Dr. Diane Alperin, Interim Provost**

**Phone: 561-297-3068**



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Dr. Gary W. Perry  
Dean

## MEMORANDUM

To: Dr. Mary Jane Saunders, President  
From: Dr. Gary W. Perry, Dean  
Date: September 17, 2010  
Re: Nominations for Honorary Doctorates

Professor J.A. Scott Kelso, Eminent Scholar and Creech Chair in Science, wishes to nominate two outstanding internationally renowned scientists, Drs. Michael Posner and Michael Turvey for Honorary Degrees at Florida Atlantic University. It is my great pleasure to support these nominations made by Dr. Kelso and outlined in his letter of nomination attached here.

Dr. Michael Posner is Professor Emeritus at the University of Oregon and is considered one of the founders of the field of Cognitive Neuroscience. He was awarded the National Medal of Science in 2008, the highest honor given by the U.S. Government to scientists, engineers and inventors "For his innovative application of technology to the understanding of brain function, his incisive and accurate modeling of functional tasks, and his development of methodological and conceptual tools to help understand the mind and the development of brain networks of attention."

Dr. Michael Turvey is Board of Trustees' Distinguished Professor at the University of Connecticut and the recipient of numerous awards, most recently in 2009 the Bernstein Prize in Motor Control awarded by the International Society for Motor Control. The Bernstein Award is the highest award of the Society. It is presented at each biennial meeting to an individual who has made an exceptional contribution to the development of the area of motor control in the spirit of Nikolai Alexandrovich Bernstein.

Both Dr. Posner and Dr. Turvey have a long history with FAU, especially the Center for Complex Systems and Brain Sciences, and it would seem very appropriate that on the 25<sup>th</sup> anniversary of the Center that these individuals be recognized and receive honorary degrees from FAU. Furthermore, this year we will launch a new program in neuroscience with our partners at the Max Planck Florida Institute as we take the first steps in developing an overarching regional program in the neurosciences.

I have attached materials in support of these nominations, and look forward to your favorable decision on this request.



777 Glades Road  
Boca Raton, FL 33431

MAY 17 2010



CENTER FOR COMPLEX SYSTEMS & BRAIN SCIENCES  
Behavioral Sciences Building, BS-12

J. A. Scott Kelso, Eminent Scholar In Science

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May 14, 2010

Dean Gary Perry  
Charles E. Schmidt College of Science  
Florida Atlantic University

RE: Nomination of Drs. Michael Posner & Michael Turvey for the Degree *Honoris Causa* at Florida Atlantic University

Dear Dean Perry,

In part to celebrate 2010 as the 25th anniversary of the founding of The Center for Complex Systems and Brain Sciences, the first of its kind in the world, I wish to nominate Drs M.I. Posner and M.T. Turvey for Honorary Degrees at Florida Atlantic University.

Dr Posner has a long and influential connection with Florida Atlantic University. He reviewed the Psychology Department many years ago, stressing the significance of the interdisciplinary mission of the Center for Complex Systems for the future of psychology and neuroscience. He is considered a founder of the field of Cognitive Neuroscience. He is a pioneer in developing measures for illuminating how the mind works and how mental operations are mapped on to the activation patterns of the brain. His research effectively linked the psychology of the mind to the neurobiology of the brain. His visionary leadership has been instrumental in launching countless scholars and programs into understanding the relationship between mind and brain. Posner is a recent recipient of the 2008 National Medal of Science, the highest honor given by the U.S. government to scientists, engineers and inventors.

Dr Turvey's seminal research on perception and motor control has been no less influential than Dr Posner's, as evident in a Distinguished Scientific Contribution to Psychology Award by the American Psychological Association for his early work on human vision, and in his recent award of the Bernstein Prize by the International Society for Motor Control. Turvey is a pioneer in the field of Ecological Psychology which is aimed at understanding the relationship between organisms and their environments. The impact of his work has been felt in many fields ranging from cognitive science, developmental psychology, animal behavior, human factors or ergonomics, philosophy, speech and hearing, and vision research. Turvey's legacy to the field of psychology is twofold: First, through his incredible teaching and mentorship he has helped nurture an extraordinary group of students, many of whom are

major contributors and leaders in the field. Second, he is one of the great scholars in psychological science, having made conceptual connections that have proved seminal and paradigm creating.

Together, Drs Posner and Turvey are the epitome of scientific research in two fields that have played a central role in FAU's emergence as a research university over the last 25 years: Psychological Science and Complex Systems and Brain Sciences. The impact of their work is further exemplified by the attention given it by Federal Funding Agencies, such as NSF's Perception, Action and Cognition Program. It is both a pleasure and an honor to nominate the two Michaels: *Michael Turvey for his world class research illuminating the fundamental relationship between perception and action; and Michael Posner as the founder of cognitive neuroscience and the world's leading authority on brain and cognition.*

Yours sincerely,



J.A. Scott Kelso

Eminent Scholar in Science  
Founding Director, Center for Complex Systems and Brain Sciences  
Professor of Psychology, Biological Science and Biomedical Sciences  
Pierre de Fermat Laureate 2007



# INSTITUTE OF NEUROSCIENCE

The nematode worm, *C. elegans*, crawling through a thin lawn of *E. coli* bacteria, which they eat. *C. elegans* are about 1 mm long and 50 microns wide and they crawl in sinusoidal paths, which can be seen as tracks in the *E. coli* lawn. Lockery Lab



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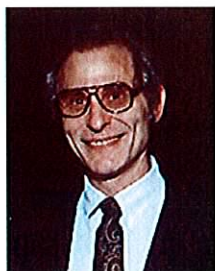
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## Institute of Neuroscience Faculty



### Michael Posner

Professor, Department of Psychology,  
Institute of Cognitive and Decision Sciences  
B.S., 1957, University of Washington  
Ph.D., 1962, University of Michigan

#### Research Interests

Neural mechanisms and structures underlying selective attention.

[mposner@oregon.uoregon.edu](mailto:mposner@oregon.uoregon.edu)

Michael Posner is Professor Emeritus at the University of Oregon and Adjunct Professor at the Weill Medical College in New York (Sackler Institute).

He is currently engaged in a project with Mary K. Rothbart to understand the development of brain networks underlying attention. This work explores the interaction of genes and experience in normal and atypical development.

## Representative Reviews

Berger, A., Tzur, G. & Posner, M.I. (2006) Infant babies detect arithmetic error. *Proceeding of the National Academy of Science USA* 103, 12649-12553

Wang, K. J., Fan, J., Dong, Y., Wang, C., Lee, T.M.C. & Posner, M.I. (2005) Selective impairment of attentional networks of orienting and executive control in schizophrenia. *Schiz. Research* 78, 235-241

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Raz, A., Fan, J. & Posner, M.I. (2005) Hypnotic suggestion reduces conflict in the human brain. *Proc. of the Nat'l Acad of Sciences USA* 102, 9978-9983

Posner, M.I. (2005) Commentary on *Becoming Aware of Feelings*. *Neuro- Psychoanalysis* 7, 55-57.

Posner, M.I. (2005) Genes and experience shape brain networks of conscious control. In S. Laureys ed. *Progress in Brain Research* Vol. 150 Ch. 12, pp 173-183

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Fan, J., McCandliss, B.D., Fossella, J., Flombaum, J.I., & Posner, M.I. (2005) The activation of attentional networks. *Neuroimage* 26:471-9

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course for processing conflict: An event-related potentials study with 4 year olds and adults. BMC  
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appear in R.F. Baumeister & K.D. Vohs (Eds), Handbook of Self Regulation: Research, Theory,  
and Applications, New York: Guilford Press, 14:283-300.

Rueda, M.R., Fan, J., Halparin, J., Gruber, D., Lercari, L.P., McCandliss B.D. & Posner, M.I.  
(2004). Development of attention during childhood Neuropsychologia, 42:1029-1040.

Posner, M.I. & Rothbart, M.K. (2004) Hebb's Neural networks support the integration of  
psychological science. Canadian Psychologist 45, 265-278

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MIT Press

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### Michael Posner (Cognitive, Neuroscience)

Professor Emeritus

**Office:** 209 Straub Hall

**Phone Number:** (541) 346-4939

**E-mail address:** [mposner@uoregon.edu](mailto:mposner@uoregon.edu)

**Office Hours:** Winter 2011: Tu & Th 11:00am-12:00pm

#### Research Interests and Publications:

Dr. Posner's current work deals with genetic and experiential factors in the development of brain networks underlying attention and self regulation. We are currently conducting a longitudinal study of the origins of executive attention. We are also studying means of modifying attention or attentional state. The research draws on fMRI, EEG and molecular genetic methods. The research is joint with M.K. Rothbart and Yiyuan Tang. We are not accepting new PhD students, we are working with some undergraduates and an occasional masters student.

Rothbart, M.K., Posner, M.I., Rueda, M.R., Sheese, B.E., & Yang, Y-Y. (2009). Enhancing self regulation in school and clinic. In D. Cicchetti & M.R. Gunnar (eds.). *Minnesota Symposium on Child Psychology Vol. 35: Meeting the Challenge of Translational Research in Child Psychology*. Hoboken N.J.: John Wiley pp. 115-158.

Tang, Y. & Posner, M.I. (2009). Attention Training and Attention State Training. *Trends in Cognitive Science*, 13, 222-227.

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# UO's Posner among White House national medal winners

<http://uonews.uoregon.edu/printmail/545> <http://uonews.uoregon.edu/print/545>

[\(image/michael-posner-president-obama-receiving-national-medal-science\)](#) EUGENE, Ore. -- (Sept. 17, 2009) -- University of Oregon psychologist Michael Posner was among nine researchers named as winners of the 2008 National Medal of Science, the highest honor given by the U.S. government to scientists, engineers and inventors.



Posner, who joined the UO faculty in 1965, is considered a leading pioneer who helped build the field of cognitive neuroscience into its current state, said his long-time colleague Mary K. Rothbart, who in May received the 2009 Gold Medal for Life Achievement in the Science of Psychology by the American Psychological Foundation.

"It is a great honor for me, the areas of research in which I have been working and the many students and collaborators who have been involved and are involved in these studies," Posner said in an email from Europe. "It is a special treat to receive the award from President Obama, who is working so hard for us all."

**Original White House Announcement** ([http://www.whitehouse.gov/the\\_press\\_office/President-Honors-Nations-Top-Scientists-and-Innovators/](http://www.whitehouse.gov/the_press_office/President-Honors-Nations-Top-Scientists-and-Innovators/))

**Oct. 7 Award Ceremony at White House** (<http://www.whitehouse.gov/video/President-Obama-Awards-National-Medal-of-Science-and-Medal-of-Technology/>)

*(Ceremony is 25 minutes long; Posner presentation is at 18:00)*

Posner, a professor emeritus, added that he will continue to be active in his on-going research projects with Chinese scientist Yi-Yuan Tang, a visiting scholar at the UO, and with Rothbart.

"As a colleague, I am absolutely thrilled that Mike Posner is receiving the National Medal of Science," Rothbart said. "He is truly deserving of the award -- on the basis of his research, his thinking that bridges areas of science to form new fields of study, his training of students, and his international influence on programs in cognitive neuroscience. Mike has been a pioneer in developing measures for illuminating how the mind works and how the operations of the mind can be mapped onto activation patterns in the brain. His research effectively has linked the psychology of the mind to the biology of brain function."

"This award to Mike is huge for us," said Louis Moses, head of the UO's psychology department. "Mike has been a seminal figure in the whole field of cognitive neuroscience, which is an essential aspect of the research we do here at the University of Oregon. Mike also has been pivotal in the creation of the Brain Biology and Machine Initiative here on campus. This is a huge honor for him, as well as for us."

[\(image/michael-posner-2009\)](#) Posner's contributions to science transcend his own discoveries, said Rich Linton, UO vice president for research and graduate studies. "He has had profound influence on numerous undergraduate, graduate and postdoctoral students, as well as on faculty and research scientists throughout the world," he said. "Mike's visionary leadership has been instrumental in launching countless scholars and programs into fruitful pursuit of the relationship between mind and brain."





Posner's current research deals with genetic and experience-related factors in the development of brain networks underlying attention and self-regulation. His research draws on functional magnetic resonance imaging (fMRI), electroencephalography (EEG) and molecular genetic methods.

In 1985-88, Posner took a leave of absence from the UO to explore then-emerging brain-imaging techniques through an appointment at Washington University in St. Louis, where worked with Marcus Raichle, using positron emission tomography. While in St. Louis, he worked to adapt the subtractive method to brain imaging. That work was summarized in "Images of Mind," a book co-authored by Posner and Raichle, a professor of radiology, neurology, neurobiology and

biomedical engineering.

"First, he asked participants to perform the tasks linked to each mental operation, and then subtracted the brain activations from the more complex to the less complex task to identify the areas of the brain that supported the operation," Rothbart said. "These imaging methods could localize the source of brain activation, but could not follow the time course of activation of neural networks. To do this, Mike used the evoked response potential, which follows surface voltage from the scalp over time. He also studied links between the two methods, allowing analysis of both brain location and time of activation."

Posner's most enduring focus has involved the nature of mental attention, Moses said. "His outstanding research contributions to this and related areas have been widely recognized. His work is among the most cited in the field, and many of his publications have become citation classics."

Posner is collaborating with Tang, whose home institution is the Dalian University of Technology in China, on exploring the mental and physical benefits of integrative body-mind training (IBMT), a meditation practice popular in China. The research, most recently described Sept. 13 in Parade Magazine, has drawn interest internationally.

With Rothbart is studying the development of attention in infancy and the development of self-control in children 2 to 7 years of age. He and Rothbart co-authored a book, "Educating the Human Brain," about their work on the development of attention that was published by the American Psychological Association in 2006.

Posner was born in Cincinnati, Ohio. He earned a bachelor's degree in physics and a master's degree in psychology in 1957 and 1959, respectively, from the University of Washington in Seattle and a doctorate in psychology in 1962 from the University of Michigan. He served as head of the UO psychology department from 1995-1998.

Posner, whose name appears on more than 200 academic journal articles, has been supported by federal agencies such as the National Institutes of Health, National Science Foundation and the Office of Naval Research, as well as several private foundations, including McDonnell, Keck, Pew and Templeton.

Posner has won several major awards for his research, including the Dana Foundation Award in 1996 for pioneering work in medicine. He was named Scientist of the Year in 1995 by the Oregon Academy of Sciences, elected as a member of the Institute of Medicine of the National Academy of Science in 1988; as a fellow of the American Academy of Sciences in 1986, as a fellow to the National Academy of Science in 1981, and as a Guggenheim Fellow for 1979-80.

Posner will be among the nine U.S. scientists, along with four inventors and representatives of a winning company -- winners of the National Medal of Technology and Innovation -- at a White House ceremony on Oct. 7.

"These scientists, engineers and inventors are national icons, embodying the very best of American ingenuity and inspiring a new generation of thinkers and innovators," President

Obama said. "Their extraordinary achievements strengthen our nation every day -- not just intellectually and technologically but also economically, by helping create new industries and opportunities that others before them could never have imagined."

The National Medal of Science was created by statute in 1959 and is administered for the White House by the National Science Foundation. Awarded annually, the medal recognizes individuals who have made outstanding contributions to science and engineering. Nominees are selected by a committee of presidential appointees based on their advanced knowledge in, and contributions to, the biological, behavioral/social, and physical sciences, as well as chemistry, engineering, computing, and mathematics.

**About the University of Oregon**

The University of Oregon is a world-class teaching and research institution and Oregon's flagship public university. The UO is a member of the Association of American Universities (AAU), an organization made up of the 63 leading public and private research institutions in the United States and Canada. The University of Oregon is one of only two AAU members in the Pacific Northwest.

**Media Contact:** Jim Barlow, director of science and research communications,  
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## THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release

September 17, 2009

## PRESIDENT HONORS NATION'S TOP SCIENTISTS AND INNOVATORS

President Obama today named nine eminent researchers as recipients of the National Medal of Science, and four inventors and one company as recipients of the National Medal of Technology and Innovation, the highest honors bestowed by the United States government on scientists, engineers, and inventors. The recipients will receive their awards on October 7 at a White House ceremony.

The National Medal of Science was created by statute in 1959 and is administered for the White House by the National Science Foundation. Awarded annually, the Medal recognizes individuals who have made outstanding contributions to science and engineering. Nominees are selected by a committee of Presidential appointees based on their advanced knowledge in, and contributions to, the biological, behavioral/social, and physical sciences, as well as chemistry, engineering, computing, and mathematics.

The National Medal of Technology and Innovation has its roots in a 1980 statute and is administered for the White House by the U.S. Department of Commerce's U.S. Patent and Trademark Office. The award recognizes individuals or companies for their outstanding contributions to the promotion of technology for the improvement of the economic, environmental, or social well-being of the United States. Nominees are selected by a distinguished independent committee representing both the private and public sectors.

"These scientists, engineers and inventors are national icons, embodying the very best of American ingenuity and inspiring a new generation of thinkers and innovators," President Obama said. "Their extraordinary achievements strengthen our nation every day—not just intellectually and technologically but also economically, by helping create new industries and opportunities that others before them could never have imagined."

This year's recipients are:

National Medal of Science

Dr. Berni Alder, Lawrence Livermore National Laboratory, CA  
 Dr. Francis Collins, National Institutes of Health, MD  
 Dr. Joanna Fowler, Brookhaven National Laboratory, NY  
 Dr. Elaine Fuchs, The Rockefeller University, NY  
 Dr. James Gunn, Princeton University, NJ  
 Dr. Rudolf Kalman, Swiss Federal Institute of Technology, Zurich  
 Dr. Michael Posner, University of Oregon, OR  
 Dr. JoAnne Stubbe, Massachusetts Institute of Technology, MA  
 Dr. J. Craig Venter, J. Craig Venter Institute, MD & CA

National Medal of Technology and Innovation

Dr. Forrest M. Bird, Percussionaire Corp., ID  
 Dr. Esther Sans Takeuchi, University at Buffalo, SUNY, NY  
 Team: Dr. John E. Warnock and Dr. Charles M. Geschke (Adobe Systems Inc., CA)  
 Company: IBM Corporation, NY

**Note to regional reporters:** For more information about, or interviews with, local winners of the National Medal of Science and the National Medal of Technology and Innovation, please contact the awardees' home institution or agency.

## BLOG POSTS ON THIS ISSUE

February 04, 2011 12:00 AM EST

**West Wing Week: "Enter the Hub"**  
 President Obama focuses on innovation as part of his plan for winning the future with events in State College, Pennsylvania, and around Washington, D.C.

February 03, 2011 5:10 PM EST

**Sending Health Data Safely and Securely Over the Internet**

Yesterday marked another milestone on the Nation's journey to better health care through the use of electronic health records and health information technology.

February 03, 2011 6:15 AM EST

**On the Road to Energy Efficiency**

The President's Better Building Initiative will reduce energy costs for American businesses, and encourage innovation to create a new wave of energy-efficient technology and design.

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## UO E-clips, Sept. 18

**Top stories for September 18, 2009: UO brain scientist Posner wins nation's top science award, reports the Register-Guard, Chronicle of Higher Education and other media; UO president greets guest in Pendleton and is introduced amid the Roundup, writes an East Oregonian writer; the UO's Josh Faught wins Bowen award, reports the Seattle Times; former UO president left his brand on college sports, reports the Associated Press; California's North County Times cites UO historian Daniel Tichenor in a story 'One nation, little trust'; and U.S. News & World Report covers research the UO's Jane Mendle on the link of genetics to early sexual activity in kids raised in homes without fathers**

UO brain researcher honored: Psychologist is among only nine to win the nation's highest award (Register-Guard): University of Oregon psychologist Michael Posner was among nine researchers named Thursday as winners of the National Medal of Science, the highest honor given by the U.S. government to scientists, engineers and inventors. Posner, who joined the UO faculty in 1965, is considered a leading pioneer who helped build the field of cognitive neuroscience, said his longtime colleague Mary Rothbart, who in May received the 2009 Gold Medal for Life Achievement in the Science of Psychology by the American Psychological Foundation.

Recipients of National Medals of Science and Technology Are Announced (Chronicle of Higher Education, similar coverage in the Boston Globe, The Scientist, Science in the Headlines): President Obama announced on Thursday the recipients of this year's National Medal of Science and National Medal of Technology and Innovation awards, the nation's highest honors for scientists, engineers, and inventors. The awards will be presented on October 7 at a White House ceremony. ... The science medal honors individuals for contributions to science and engineering. The other recipients this year are: ... Michael Posner, a professor emeritus in the department of psychology at the University of Oregon.

A first-timer's Round-Up (East Oregonian): Thursday morning began with the Let 'er Duck Breakfast at Slickfork Saloon at Hamley Steakhouse. This is an annual University of Oregon event held in Pendleton. As it was early morning, it took me a while to catch onto the fact that Let 'er Duck is a variation on Let 'er Buck. The featured guest at the event was the new University of Oregon President Richard Lariviere. His wife, Jan, greeted guests at the door. The first speaker was Umatilla County Commissioner Bill Hansell. Hansell was proud to announce that an alumni chapter has been established in Pendleton. He met his wife at the U of O, and they are both graduates. Hansell and his wife announced a gift to the university, prior to introducing the new University of Oregon president, who has an impressive scholarly background.

Oregon artist winner of SAM's Betty Bowen Award (Seattle Times, similar story in Art Daily): Josh Faught, who pushes fiber art in provocative directions, has won the Seattle Art Museum's 2009 Betty Bowen Award. He lives in Eugene, Ore., where he's an assistant

professor of fibers at the University of Oregon.

Former UO president left his brand on college sports (Associated Press, appearing in The Register-Guard): Another university president seems a likely choice to follow the legacy that Myles Brand left as steward of the NCAA -- The NCAA has begun the somber task of replacing president Myles Brand amid questions of just what kind of leader that should be. Brand, who died Wednesday at age 67 from pancreatic cancer, was the first university president to run the NCAA and was outspoken in calling for tougher eligibility standards for incoming freshmen and current students.

One nation, little trust (North County Times): Fifty years from now, when scholars dissect the debate over the health care reform effort of 2009, they are likely to move beyond the ideological battles and focus on an issue that grew out of our diversity as a people. ... Putnam argues that the nation has to understand these short-term costs to be able to overcome them and reap the long-term gains of diversity and immigration. These include making the country more economically dynamic and creative. But we often have made it difficult. And historian Daniel Tichenor of the University of Oregon notes that past immigrants from Ireland, Italy and Eastern Europe were literally considered "black" and faced restraints if suspected of becoming "public charges." The eugenic theories that influenced legislation a century ago even held that a reason to restrict immigrants from Southern and Eastern Europe was that they were genetically disposed to going on welfare.

Genetics Linked to Early Sexual Activity in Kids: Impulsive traits may be passed down from parents, research shows -- US News and World Report (Children who grow up in a home without a biological father have sex at a younger age than children raised with their Dad in the picture, and a study now offers a new explanation for why this is true. While previous research focused on environmental factors, researchers in this study, published in the September/October issue of Child Development, focused on genetic influences instead. "Our study found that the association between fathers' absence and children's sexuality is best explained by genetic influences, rather than by environmental theories alone," study author Jane Mendle, an assistant professor of psychology at the University of Oregon, said in a news release from the Society for Research in Child Development.)



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## The President's National Medal of Science: Recipient Details

**MICHAEL I. POSNER****Title:** Professor Emeritus, Dept. of Psychology**Affiliation:** University of Oregon  
Institute of Neuroscience  
1254 University of Oregon  
Eugene, Oregon 97403 USA**Gender:** Male**Award Discipline:** Behavioral and Social Science**Award Year:** 2008**Citation:** "For his innovative application of technology to the understanding of brain function, his incisive and accurate modeling of functional tasks, and his development of methodological and conceptual tools to help understand the mind and the development of brain networks of attention."

Presented by President Barack H. Obama in the East Room of the White House on October 7, 2009.

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## Michael T. Turvey

**Title:** Board of Trustees' Distinguished Professor

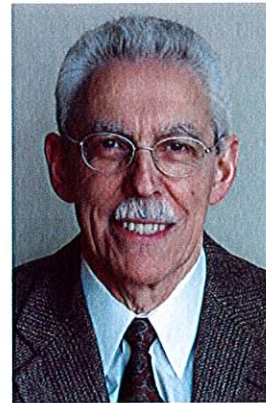
**Departmental Program:** Perception, Action, Cognition:  
Ecological Psychology

**E-mail:** [michael.turvey@uconn.edu](mailto:michael.turvey@uconn.edu)

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**Preferred Means of Contact: E-mail**

### Research Interests:

- Dynamic touch
- Interlimb coordination
- Optic flow
- Postural stability
- Visual word recognition

### Undergraduate courses:

- Learning
- [General Psychology I.](#)

### Graduate courses:

- Ecological and Representational/Computational
- Approaches to Perception
- Control and Coordination of Action

### Representative Publications:

- Gallantucci, B., Fowler, C., & Turvey, M. T. (2006). The motor theory of speech perception reviewed. *Psychonomics Bulletin and Review*, **13**, 361-377.

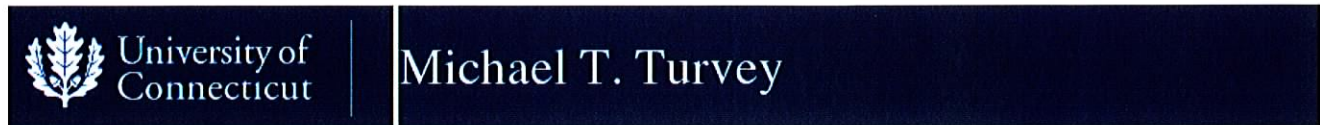
- Lukatela, G., Eaton, T., Moreno, M., & Turvey, M. T. (2007). Equivalent inter- and intra-modality long-term priming: Evidence for a common lexicon for words seen and words heard. *Memory & Cognition*, **35**, 781-800.
- Chemero, A., & Turvey, M. T. (2007). Complexity, hypersets, and the ecological approach to perception-action. *Biological Theory*, **2**, 23-36.
- Hajnal, A., Fonseca, S., Kinsella-Shaw, J., Silva, P., Carello, C., & Turvey, M. T. (2007). Haptic selective attention by foot and by hand. *Neuroscience Letters*, **419**, 5-9.
- Turvey, M. T. (2007). Action and perception at the level of synergies. *Human Movement Science*, **26**, 657-697.
- Rhodes, T. & Turvey, M. T. (2007). Human memory retrieval as Lévy foraging. *Physica A*, **385**, 255-260.

**Other:**

- John S. Guggenheim Memorial Foundation Fellowship, 1973
- Early Career Award, American Psychological Association, 1974
- University of Connecticut Alumni Award for Teaching Excellence, 1975
- Fellow at Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 1980
- James McKeen Cattell Fellowship, 1987
- University of Connecticut Alumni Association Distinguished Professor 1994-1997
- Honorary Doctor of Philosophy, Vrije Universiteit, Amsterdam, 1995
- Distinguished Scientist Lecturer, American Psychological Association, 1998
- Fellow of the Society for Experimental Psychologists (elected 1999)
- University of Connecticut Board of Trustees' Distinguished Professor, 2000
- American Psychological Foundation F. J. McGuigan Lecturer, 2003
- Fellow, Japan Society for the Promotion of Science, 2004
- "Ig Nobel" Prize in Physics, 2004
- Ohio State University Distinguished Alumnus Award 2006

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## Michael T. Turvey

**Title:** Board of Trustees' Distinguished Professor (Emeritus)

**Departmental Program:** Experimental: Ecological Psychology

### Contact Information:

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**Preferred Means of Contact:** E-mail

### Research Interests:

Dynamic touch  
Interlimb coordination  
Optic flow  
Postural stability  
Visual word recognition

### Representative Recent Publications:

Turvey, M. T., & Fonseca, S. (2009). Nature of motor control: Perspectives and issues. In D. Sternad (Ed.) *Progress in motor control: A multidisciplinary perspective* (pp. 93-123). New York: Springer Verlag.

Frank, T., Blau, J., & Turvey, M. T. (2009). Nonlinear attractor dynamics in the fundamental and extended prism adaptation paradigm. *Physics Letters A*, **373**, 1022-1030.

Turvey, M. T., Romaniak-Gross, C., Isenhower, R. W., Arzamarski, R., Harrison, S., & Carello, C. (2009). Human odometry is gait-symmetry specific. *Proceedings of the Royal Society B: Biological Sciences*, **276**, 4309-4314.

Bonnet, C., Carello, C., & Turvey, M. T. (2009). Diabetes and postural stability: Review and hypotheses. *Journal of Motor Behavior*, **41**, 172-190.

Stepp, N., & Turvey, M. T. (2010). On strong anticipation. *Cognitive Systems Research*, **11**, 148-164.

Harrison, S., & Turvey, M. T. (2010). Place learning by mechanical contact. *Journal of Experimental Biology*, **213**, 1436-1442.

### Other:

University of Connecticut Board of Trustees' Distinguished Professor Award, 2000.

UConn Advance, 2/28/00

UConn Advance, 10/9/00

UConn Advance, 9/5/06

University of Connecticut Alumni Association's Distinguished Professor, 1994-1997.

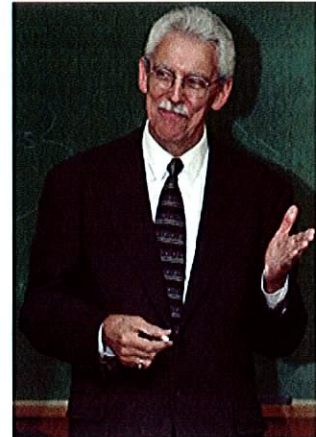
Honorary Doctor of Philosophy, Vrije Universiteit, Amsterdam, 1995.

American Psychological Association's Distinguished Scientist Lecturer, 1998.

Senior Research Scientist, Haskins Laboratories (New Haven, CT).

Collaboratory for Rehabilitation Research

2004 Ig Nobel Physics Prize



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## Curriculum Vitae

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Born:

February 14, 1942, Surrey, England

Education:

DLC 1963 Loughborough College, England (First Class Honors)

M.A. 1964 Ohio State University

Ph. D. 1967 Ohio State University

**Honors, Awards, Fellowships:**

Wortley Prize, Institute of Education, Nottingham University, 1963  
Ohio State University Graduate Student Teaching Excellence Award, 1967  
John S. Guggenheim Memorial Foundation Fellowship, 1973  
Early Career Award, American Psychological Association, 1974  
University of Connecticut Alumni Award for Teaching Excellence, 1975  
Fellow at Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 1980  
The Honored Professor in Humanities and Social Science, University of Connecticut, 1984  
James McKeen Cattell Fellowship, 1987  
Connecticut Academy of Arts and Sciences (elected 1994)  
University of Connecticut Alumni Association Distinguished Professor 1994-1997  
Honorary Doctor of Philosophy, Vrije Universiteit, Amsterdam, 1995  
Distinguished Scientist Lecturer, American Psychological Association, 1998  
Fellow of the Society for Experimental Psychologists (elected 1999)  
University of Connecticut Board of Trustees' Distinguished Professor, 2000  
American Psychological Foundation F. J. McGuigan Lecturer, 2003  
National Science Foundation Distinguished Speaker, 2003  
Fellow, Japan Society for the Promotion of Science, 2004  
"Ig Nobel" Prize in Physics, 2004  
Ohio State University, Department of Psychology, Distinguished Alumnus Award 2006  
Chair, Society of Experimental Psychologists 2007  
Selection Committee, Connecticut Medal of Science 2007-2009  
President of the International Society for Motor Control 2007-2009  
Bernstein Prize in Motor Control (International Society for Motor Control) 2009

**Professional Societies:**

International Society for Ecological Psychology

**Editorial Boards (current)**

Journal of Experimental Psychology: Human Perception and Performance, Ecological Psychology, Human Movement Science, Journal of Motor Behavior, Motor Control.

**Grant Reviewer and Grant Review Panels**

National Science Foundation, National Institutes of Health, Air Force Office for Scientific Research, Israeli NSF, Canadian NSF, Netherlands NSF, Australian NSF, NSF Review Panel for "Perception, Action and Cognition", Chair NSF Steering Committee on Integrated Cognitive Science.

**Field of Specialization:**

Human Experimental Psychology

**Research Interests:**

Perception and Action; Reading and Language

**Grants:**

NICHD Acquisition of the Speech Code and Reading (awarded to Haskins Laboratories), 1970 to 2011 (competitive renewal).  
NICHD Processes Basic to Reading in Serbo-Croatian (with G. Lukatela), 1975 - 1990 (competitive renewal).  
ONR Processes of Movement Coordination (awarded to Haskins Laboratories), 1982 - 1987.  
NSF Haptic Perceptual Instruments (with C. Carello), 1987 to 2006 (competitive renewal).  
NSF Coordination Dynamics, 1988 to 2007 (competitive renewal).  
DARPA Physical Intelligence, 2010-2015

Ph.Ds: R. Ingles, Claire Michaels, R. Weekes, S-W Kuo, Edie Sullivan, R. Doost, P. Rubin, R. Remez, Hollis Fitch, Laurie Feldman, M. Kitzman, Betty Tuller, A. Kostic, Y. Solomon, P. Kugler, Dragana Barac-Cikoja, D. Williams, B. Kay, G. Burton, L. Rosenblum, R. Schmidt, C. Pagano, T-C Chan, J. Kinsella-Shaw, P. Treffner, Dagmar Sternad, E. Amazeen, Terri Erwin, A. Peck, D. Collins, S. Mitra, M. Russell, B. Fajen, M. Riley, R. Balasubramaniam, K. Shockey, H. Park, B. Galantucci, S. Harrison, T. Rhodes, Paula Silva, Stacy Lopresti-Goodman.

Co-advisor: J. Todd, Carol Fowler, T. Johnston, W. Warren, G. Bingham, D. Todorovic, Mik-Yong Sim, Mira Peter, Polemnia Amazeen, Marie-Vee Santana, D. Tiberio, Gerri Pellecchia, J. Wagman.

**Positions:**

2008-present Professor Emeritus, University of Connecticut  
1974-2008 Professor, University of Connecticut  
1970-present Research Scientist, Haskins Laboratories

1970-1973 Associate Professor, University of Connecticut  
 1967-1969 Assistant Professor, University of Connecticut  
 1967 Lecturer, Ohio State University  
 1966 Assistant Instructor, Ohio State University  
 1963-1967 Teaching Assistant, Ohio State University

#### Publications

##### Books

- Kugler, P. N., & Turvey, M. T. (1987). *Information, natural law and the self-assembly of rhythmic movement*. Hillsdale, NJ: Erlbaum.  
 Latash, M. & Turvey, M. T. (Eds.) (1996). *Dexterity and its development*. Mahwah, NJ: Erlbaum.

##### Book Chapters

- Lieberman, A. L., Mattingly, I. G., & Turvey, M. T. (1972). *Language codes and memory codes*. In A. W. Melton & E. Martin (Eds.), *Coding processes in human memory*. New York: John Wiley.
- Turvey, M. T. (1974). A note on the relation between action and perception. In M. G. Wade & R. Martens (Eds.), *Psychology of motor behavior and sports*. Urbana, IL: Human Kinetics.
- Turvey, M. T. (1974). Constructive theory, perceptual systems and tacit knowledge. In W. Weimer & D. Palermo (Eds.), *Cognition and the symbolic processes*. Hillsdale, NJ: Erlbaum.
- Turvey, M. T. (1975). Perspective in vision: Conception or perception? In M. Rawson & D. D. Duane (Eds.), *Language, perception and reading*. Baltimore: York.
- Turvey, M. T. (1977). Preliminaries to a theory of action with reference to vision. In R. Shaw & J. Bransford (Eds.), *Perceiving, acting and knowing: Toward an ecological psychology*. Hillsdale, NJ: Erlbaum.
- Fitch, H., & Turvey, M. T. (1978). On the control of activity: Some remarks from an ecological point of view. In D. Landers & R. W. Christina (Eds.), *Psychology of motor behavior and sport* (pp. 3-35). Urbana, IL: Human Kinetics.
- Fowler, C. A., & Turvey, M. T. (1978). Skill acquisition: An event approach with special reference to searching for the optimum of a function of several variables. In G. Stelmach (Ed.), *Information processing in motor learning and control* (pp 2-40) New York: Academic Press.
- Turvey, M. T. (1978). Visual processing and short-term memory. In W. K. Estes (Ed.), *Handbook of learning and cognitive processes, Volume 5*. Hillsdale, NJ: Erlbaum.
- Turvey, M. T., & Prindle, S. (1978). Modes of perceiving: Abstracts, comments and notes. In H. Pick & E. Saltzman (Eds.), *Modes of perceiving and processing information*. Hillsdale, NJ: Erlbaum.
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- Fowler, C. A., Rubin, P., Remez, R. E., & Turvey, M. T. (1980). Implications for speech production of a general theory of action. In B. Butterworth (Ed.), *Language production*. New York: Academic Press.
- Johnston, T., & Turvey, M. T. (1980). A sketch of an ecological metatheory for theories of learning. In G. Bower (Ed.), *The psychology of learning and motivation Vol.14* (pp. 147- 205). New York: Academic Press.
- Kelso, J. A. S., Holt, K., Kugler, P. N., & Turvey, M. T. (1980). On the concept of coordinative structures as dissipative structures. II. Empirical lines of convergence. In G. E. Stelmach & J. Requin (Eds.), *Tutorials in motor behavior*. Amsterdam: North Holland.
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- Kugler, P. N., Kelso, J. A. S., & Turvey, M. T. (1982). On the control and coordination of naturally developing systems. In J. A. S. Kelso & J. E. Clark (Eds.), *The development of movement control and coordination*. Chichester, England: John Wiley & Sons.
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- Tuller, B., Fitch, H. L., & Turvey, M. T. (1982). The Bernstein perspective: II. The concept of muscle linkage or coordinative structure. In J. A. S. Kelso (Ed.), *Understanding human motor control*. Champaign, IL: Human Kinetics.
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- Kugler, P. N., Turvey, M. T., Carello, C., & Shaw, R. (1985). The physics of controlled collisions: A reverie about locomotion. In W. H. Warren, Jr. & R. Shaw (Eds.), *Persistence and change: Proceedings of the first international conference on event perception*. Hillsdale, NJ: Erlbaum.
- Solomon, J., Carello, C., & Turvey, M. T. (1984). Flow fields: The optical support for skilled activities. In W. F. Straub & J. M. Williams (Eds.), *Cognitive sport psychology*. Lansing, NY: Sport Science Associates.
- Turvey, M. T., Feldman, L. B., & Lukatela, G. (1984). The Serbo-Croatian orthography constrains the reader to a phonologically analytic strategy. In L. Henderson (Ed.), *Orthographies and reading*. London: Erlbaum.
- Turvey, M. T., & Kugler, P. N. (1984). An ecological approach to perception and action. In H. T. A. Whiting (Ed.), *Human motor actions: Bernstein reassessed*. Amsterdam: North Holland.
- Carello, C., & Turvey, M. T. (1986). Dependence of reading on orthography: Investigations in Serbo-Croatian. In H. S. R. Kao & R. Hoosain (Eds.), *Psychological studies in the Chinese language II*.
- Turvey, M. T., & Carello, C. (1988). Exploring a law-based, ecological approach to skilled action. In A. M. Colley & J. R. Beech (Eds.), *Cognition and action in skilled behaviour* (pp. 191-203). Amsterdam: North Holland Press.
- Turvey, M. T. (1988). Simplicity from complexity: Archetypal action regimes and smart perceptual instruments as execution-driven phenomena. In J. A. S. Kelso, A. J. Mandel, M. F. Shlesinger (Eds.), *Dynamic patterns in complex systems*. Singapore: World Scientific.
- Schmidt, R. C. & Turvey, M. T. (1989). Absolute coordination: An ecological perspective. In S. Wallace (Ed.), *Perspectives on the coordination of movement* (pp. 123-156). Amsterdam: North Holland Press.
- Turvey, M. T. (1990). The challenge of a physical account of action: A personal view. In H.T.A. Whiting, O. Meijer, & P. van Wierengen (Eds.) *A natural-physical approach to movement control*. Amsterdam: Free University Press.
- Turvey, M. T., Carello, C., & Kim, N-G. (1990). Links between active perception and the control of action. In H. Haken & M. Stadler (Eds.), *Synergetics of cognition* (pp. 269-295). Berlin: Springer Verlag.
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- Turvey, M. T., Saltzman, E., & Schmidt, R. C. (1990). Dynamics and task-specific coordinations. In N. i. Badler, B. A. Barsky, & D. Zeltzer (Eds.) *Making them move: Mechanics, control, and animation of articulated figures* (pp. 157-170). San Mateo, CA: Morgan Kaufmann.
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- Turvey, M. T. & Schmidt, R. C. (1993). A low-dimensional nonlinear dynamic governs interlimb rhythmic coordination. S. Swinnen et al. (Eds.), *Interlimb coordination: Neural, dynamical, and cognitive constraints*. New York: Academic Press.
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- Lukatela, G., & Turvey, M. T. (1995). Phonological processes in Serbo-Croatian and English. In B. deGelder & J. Morais (Eds.) *Speech and reading: Comparative approaches*. Hove, England: Erlbaum (UK) Taylor & Francis.
- Turvey, M. T., & Carello, C. (1995). Some dynamical themes in perception and action. In R. Port & T. van Gelder (Eds.), *Mind as motion* (pp. 373-402). Cambridge, MA: MIT press.
- Turvey, M. T., & Carello, C. (1995). Dynamic touch. In W. Epstein & S. Rogers (Eds.), *Handbook of perception and cognition, Vol. V. Perception of space and motion* (pp. 401-490). San Diego: Academic Press.
- Turvey, M. T., & Carello, C. (1996). Dynamics of Bernstein's level of synergies. In M. Latash & M. T. Turvey (Eds.), *Dexterity and its development* (pp. 339-376). Mahwah, NJ: Erlbaum.
- Kim, N.-G., & Turvey, M. T. (1998). Optical flow fields and Bernstein's "modeling of the future" In M. Latash (Ed.), *Progress in motor control, Vol I: Bernstein's traditions in movement studies* (pp. 221-266). Champaign, IL: Human Kinetics.
- Amazeen, P., Amazeen, E. L., & Turvey, M. T. (1998). Dynamics of human intersegmental coordination: Theory and research. In C. Collier & D. Rosenbaum (Eds.), *Timing of behavior: Neural, psychological and computational perspectives* (pp. 237-260). Cambridge, MA: MIT Press.
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- Collins, D., & Turvey, M. T. (1999). Dynamical stability analyses of coordination patterns. In U. Windhorst & W. Johansson, H. (Eds.), *Modern techniques in neuroscience research* (pp. 641-668). Berlin: Springer Verlag.
- Carello, C., & Turvey, M. T. (2000). Rotational dynamics and dynamic touch. In M. Heler (Ed.), *Touch, representation and blindness* (pp. 27-66). Oxford: Oxford University Press.
- Carello, C., & Turvey, M. T. (2003). The ecological approach to perception. *Encyclopedia of cognitive science*. London: Nature Publishing Group.
- Turvey, M. T. (2001). Encoding, retrieving and aging. In Naveh-Benjamin, M., Moscovitch, M., & Roediger III, H. L. (Eds.), *Perspectives on human memory and cognitive aging: Essays in honor of Fergus Craik* (pp. 105-110) East Sussex, UK: Psychology Press.
- Turvey, M. T. (2003). Preface to N. Bernstein's "On dexterity and its development" (i-vi). (Japanese translation). Tokyo; Kaneko Shobo.
- Turvey, M. T. (2004). Impredicativity, dynamics, and the perception-action divide. In V.K.Jirsa & J.A.S.Kelso (Eds.), *Coordination Dynamics: Issues and Trends. Vol. 1 Applied Complex Systems* (pp. 1-20). New York: Springer Verlag
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- Silva, P. L., Fonseca, S., & Turvey, M. T. (in press, 2010). Is tensegrity the functional architecture of the equilibrium point hypothesis? *Motor Control*
- Stepp, N., Chemero, A., & Turvey, M. T. (in press). Philosophy for the rest of cognitive science. *Topics in Cognitive Science*.
- Schultz, A. P., Zou, Y., Marawan, N., Turvey, M. T. (in press, 2010). Local minima-based recurrence plots for continuous dynamical systems. *International Journal for Bifurcation and Chaos*.
- Palatinus, Z., Carello, C., & Turvey, M. T. (in press). Principles of part-whole selective perception by dynamic touch extend to the body. *Journal of Motor Behavior*.

#### Invited Colloquia

- Academy of Science, Beijing, China
- Advanced Telecommunications Research (ATR), Kyoto, Japan
- Amherst College
- Antioch College
- Arizona State University
- Barnard College
- Birkbeck College, London, England
- Boston College
- Boston University (5)
  - Center for Adaptive Systems (2)
  - Center for Neuromuscular Disorders
  - Sargent Health Sciences (2)
- Brandeis University (3)
- Bristol University, Bristol, England
- Brown University (4)
- Buffalo State University
- Cambridge University, Cambridge, England
- Carleton University, Ottawa, Canada
- Carnegie Mellon University
- Center for Advanced Study in the Behavioral Sciences, Palo Alto, California
- Chinese University of Hong Kong
- City University of New York
- Clark University
- Columbia University
- Cornell University
- Dalhousie University
- Dartmouth College (2)
- Exeter University, Exeter, England
- Free University, Amsterdam, Netherlands (5)
- Fel's Research Institute
- Georgia Tech
- Griffith University, Queensland, Australia
- Guelph University, Guelph, Canada
- Hampshire College
- Harvard University
- Indiana University (2)
- John Hopkins University (2)
- Lake Forest College
- London University, London, England
- Massachusetts Institute of Technology
  - Department of Psychology (2)
  - Department of Electrical Engineering
- Mayo Clinic
- McGill University, Montreal, Quebec, Canada
- McMaster University, Hamilton, Ontario, Canada
- National Institutes of Health, Bethesda, Maryland
- New School for Social Research, New York
- New York University (3)
- Northeast Ontario Medical Center
- Oxford University, Oxford, England
- Ohio State University (3)
- Ohio Wesleyan University
- Pennsylvania State University
  - Department of Psychology
  - Department of Kinesiology
- Princeton University
- Queen's University, Belfast, Ireland
- Queen's University, Kingston, Ontario
- Reading University, Reading, England

The Rockefeller University  
 The Salk Institute  
 Seoul National University, Korea  
 Simon Fraser University, Vancouver, Canada  
 Sheffield University, Sheffield, England  
 Smith College  
 Stanford University (3)  
   Department of Psychology  
   Department of Philosophy  
   Medical School: Aging, Alcoholism, & Alzheimer's Program  
 State University of New York at Binghamton  
 Stirling University, Stirling, Scotland  
 Sussex University, Sussex, England  
 Swarthmore College  
 Tokyo University, Japan  
 Tokyo Denke University, Japan  
 University at Albany  
 University of Belgrade, Yugoslavia  
   Faculty of Philosophy (2)  
   Faculty of Electrical Engineering (2)  
 University of Buffalo  
 University of California, Berkeley  
 University of California, Los Angeles (2)  
 University of California, San Diego  
 University of California, Riverside  
 University of Cincinnati  
 University of Chicago  
 University of Delaware  
 University of Illinois  
 University of Iowa  
 University of Massachusetts  
 University of Michigan  
 University of Minnesota (3)  
 University of North Carolina, Greensboro  
 University of Pennsylvania (3)  
 University of Pittsburgh  
 University of Texas  
 University of Tokyo, Japan  
 University of Toronto, Toronto, Canada (2)  
 University of Washington (5)  
 University of Western Kentucky  
 University of Wisconsin  
 Vanderbilt University  
 Vassar College  
 Wellesley College  
 Wesleyan University (2)  
 Yale University (2)

#### Invited Conferences and Symposia

Lake Arrowhead Conference on Verbal Learning and Memory—Lake Arrowhead, CA (1970)  
 Cognition and the Symbolic Processes, I—Penn State University (1972)  
 North American Society for the Psychology of Sport and Physical Activity—University of Illinois (1973)  
 Perceiving, Acting, and Knowing—University of Minnesota (1973)  
 International Conference on Dyslexia—Mayo Clinic (1975)  
 Seventh International Symposium on Attention and Performance—SÃ@nanque, France (1976)  
 Levels of Processing in Memory—Rockport, MA (1976)  
 Information Processing Stages in Memory—Paris (1976)  
 Information Processing and Motor Control—University of Wisconsin (1977)  
 North American Society for the Psychology of Sport and Physical Activity—Ithaca College (1977)  
 Perceptual Organization—Washington, D.C. (1977)  
 Perspectives on Memory Research—Uppsala University (1977)  
 Cognition and the Symbolic Processes, II—Penn State University (1977)  
 Orthography, Reading, and Dyslexia—NIH (1978)  
 Interrelations Among the Communicative Senses—Asilomar, CA (1978)  
 Understanding Human Movement Control—Iowa State University (1980)  
 Biological Constraints on Linguistic Form—Berlin (1980)  
 American Psychological Association Symposium on James J. Gibson's Contribution to Psychology (1980)  
 Nonlinear Approaches to Brain Function—Santa Inez, CA (1981)  
 Language and Movement—Lake Arrowhead, CA (1981)  
 Neural Modeling—Phoenix, Arizona (1981)  
 Lake Ontario Visual Experimenters—Niagara, Canada (1982)  
 Serbian Congress of Psychology—Smederevo, Yugoslavia (1982)  
 Situational Semantics—University of Massachusetts (1983)  
 ONR Meetings on Attention and Action—Santa Barbara, CA (1983)  
 International Symposium on Psychological Aspects of the Chinese Language—University of Hong Kong (1984)  
 ONR Meetings on Attention and Action—New Haven, CT (1984)  
 Sensory-Motor Systems—Bielefeld, FRG (1985)  
 ONR Meetings on Attention and Action—Boston, MA (1985)  
 ONR Meetings on Attention and Action—Eugene, OR (1986)  
 Speaking, Reading, Thinking, and Development—Southern Florida University (1987)  
 A Natural-Physical Approach to Movement Control—The Free University, Amsterdam (1987)  
 International Conference on Skilled Behavior—Sussex University (1987)  
 Dynamical Patterns in Complex Systems—Boca Raton (1988)  
 Mechanics, motion, and animation—MIT (1989)  
 Synergetics of cognition—Munich, FRG (1989)  
 International Symposium on motor control and motor learning—SaarbrÃ¼cken, FRG (1989)  
 Phonological process in visual word recognition—Zadar, Yugoslavia (1989)  
 Gibson Memorial Lecture—Cornell University (1989)  
 Methodological and theoretical issues in cognitive psychology—Minneapolis, MN (1991)  
 Variability in motor control—Chicago, IL (1991)  
 Dynamical representations in cognition—Bloomington, IN (1991)  
 Dynamics of Complex Systems—Boca Raton, FLA (1992)  
 International Conference on Interlimb Coordination—Leewven, Belgium (1992)  
 Plenary address, Society for Cognitive Science Meetings—Bloomington, IN (1992)

Human Kinetics Lecture, North American Society for the Psychology of Sport and Physical Activity—MN (1993)  
 Keynote address, Gallinburg conference on Research and Theory in Mental Retardation and Developmental Disabilities—Gallinburg TN (1995).  
 Symposium On rhythmic and discrete synergies: Current theories and new directions. Eighth International Conference on Perception and Action—Marseilles, FR (1995).  
 Dynamical themes in perception and action on the 125th Anniversary of Vrije Universiteit—Amsterdam, Netherlands (1995)  
 Symposium on Homeokinetic Physics at the North American Society for Ecological Psychology—Hartford, CT (1996)  
 Workshop on Dynamics, Computation, and Cognition at the Santa Fe Institute—Santa Fe, NM (1996)  
 Bernstein's Traditions in Motor Control—State College, PA (1996)  
 Vision and Action at Institute for Spatial and Terrestrial Science, York University—Toronto, Canada (1997)  
 Keynote Address, American Society for Biomechanics—Clemson, SC (1997).  
 APA Distinguished Scientist Lecturer Keynote Address, SEPA—Mobile AL (1998).  
 Keynote Address, Conference on Representation and Blindness—San Marino (1998).  
 Invited presentation, 1998 Homeokinetics Conference—Storrs, CT (1998)  
 Plenary Address, Chaos Society—Boston, MA (1998)  
 Preeminent Tutorial, Society for the Quantitative Analysis of Behavior—Chicago (1999)  
 invited address, Workshop on Science and Practice of Reading—Storrs, CT (1999)  
 Symposium on Auditory Perception, X International Conference on Perception and Action—Edinburgh, Scotland (1999).  
 Special Lectures in Neuroscience, Purdue University Interdisciplinary Graduate Program in Neuroscience—West Lafayette, IN (1999).  
 Special Lectures in Cognitive Science, Norwegian University of Science and Technology—Trondheim, Norway (1999).  
 Society of Experimental Psychologists—Santa Cruz, CA (2000)  
 Perspectives on Human Memory and Cognitive Aging (In Honor of F. I. M. Craik)—Toronto, Canada (2000).  
 Invited paper, The new natural philosophy: Introduction to 21st century physics and cosmology—Storrs, CT (2000).  
 Invited presentation, Symposium on Active and Passive Touch, International Congress of Psychology—Stockholm, Sweden (2000)  
 Invited presentation, Symposium on Ecological Psychology in the 21 st Century, International Congress of Psychology—Stockholm, Sweden (2000)  
 Invited presentation, New England Sequencing and Timing Conference—New Haven, CT. (2001)  
 Society of Experimental Psychologists—Princeton, NJ (2001)  
 Invited presentation, Symposium on The Perception-Action Cycle, XI International Conference on Perception and Action—Storrs, CT. (2001)  
 Invited presentation, Symposium on Affordance, International Conference on Perception and Action—Storrs, CT. (2001)  
 Keynote Address, 6<sup>th</sup> Biennial Motor Control & Human Skill Research Workshop—Fremantle, Western Australia, Australia (2001)  
 Primary Workshop on the Physics and Psychology of the Muscle Sense, 6<sup>th</sup> Biennial Motor Control & Human Skill Research Workshop—Fremantle, Western Australia, Australia (2001)  
 Invited presentation, Conference on Current Issues in the Ecological Approach to Perception and Action—Amsterdam, Netherlands (2002)  
 Society of Experimental Psychologists—Berkeley, CA (2002)  
 Invited address, International Conference on Coordination Dynamics—West Palm Beach, FL (2002)  
 Invited address, Physics and Psychology of the Muscle Sense, APS Conference—New Orleans, LA (2002)  
 Invited address, Dynamical Neuroscience Symposium, Society for Neuroscience—Orlando, FL (2002)  
 Society of Experimental Psychologists—St. Louis, MO (2003)  
 Invited address, Munich Encounters in Cognition and Action, Max Planck Institute—Munich, Germany (2003).  
 Invited presentation, XII International Conference on Perception and Action—Gold Coast, Australia (2003)  
 F. J. McGuigan Lecture, APA—Toronto, Canada, (2003).  
 Organizer/Presenter NSF Workshop on Integrated Cognitive Science—Washington DC (2003)  
 Delos D. Wickens Memorial Lecture, Ohio State University—Columbus, OH (2003)  
 Society of Experimental Psychologists—Ithaca, NY (2004)  
 Lecture Series on Ecological Psychology, Japan Society for the Promotion of Science, Institute for Informatics—Tokyo, Japan (2004).  
 Keynote Address, Conference on Ecological Psychology, Kangnam University—Seoul, Korea (2004)  
 Keynote Address, Fourth International Conference on the Mental Lexicon—Windsor, Ontario, Canada (2004)  
 Keynote Addresses (Opening and Closing), Second Brazilian Conference on Motor Control—Belo Horizonte, Brazil (2004)  
 Invited presentation, Lake Ontario Visual Experimenters—Niagara, Canada (2005)  
 Howard Hughes Medical Institute Lecture, Trinity College—Hartford, CT (2005)  
 Society of Experimental Psychologists—Tampa, FL (2005).  
 Invited presentation, 6<sup>th</sup> International Conference on Progress in Motor Control—State College, PA (2005)  
 Keynote Address, 11<sup>th</sup> International Congress of French Society of Movement Scientists—Paris, France (2005)  
 Society of Experimental Psychologists—San Diego, CA (2006)  
 Keynote Address, XIX Symposium of the Spanish Society for the History of Psychology—Madrid, Spain (2006)  
 Keynote Address on Motor Development, North American Society of the Psychology of Sport and Physical Activity—Denver, CO (2006)  
 Faculty, Motor Control Summer School—Ligonier, PA (2006)  
 Lecturer, APA Advanced Technical Institute (Applications of Nonlinear Dynamics in Psychology)—Cincinnati, OH (2006)  
 Invited presentation, International Conference on Coordination Dynamics—Boca Raton, FLA (2007)  
 Society of Experimental Psychologists—Storrs, CT (2007)  
 Keynote Address, European Workshop on Movement Science 2007—Amsterdam, Netherlands (2007)  
 Lecturer, APA Advanced Technical Institute (Applications of Nonlinear Dynamics in Psychology)—Cincinnati, OH (2007)  
 Distinguished Ohio State University Alumnus Award, Centennial Celebration, Department of Psychology Lecture—Columbus, OH (2007)  
 Centennial Celebration Lecture, College of Liberal Arts and Sciences, Purdue University—West Lafayette, IN (2007)  
 Society of Experimental Psychologists—Indiana University, Bloomington, IN (2008)  
 Lecturer, APA Advanced Teaching Institute (Applications of Nonlinear Dynamics in Psychology)—Cincinnati, OH (2008)  
 Keynote Address, European Society of Ecological Psychology—Madeira, Portugal (2008)  
 Invited workshop on Sports Science and the Sciences of Complexity—Madeira, Portugal (2008)  
 Invited lecture in the Lecture Series: George Berkeley's New Theory of Vision: 300 Years Later, Brown University—Providence, RI (2009)  
 Society of Experimental Psychologists—University of Colorado, Boulder, CO (2009)  
 Invited presentation, 15th International Conference on Perception and Action—Minneapolis, MN (2009)  
 Keynote Address, International Conference on Progress in Motor Control VI—Marseille, France (2009)  
 Inauguration of the Center for Motor Control Lecture—Pennsylvania State University, PA (2009)  
 Closing Address, 5th Biennial International Conference on the Philosophical, Epistemological, and Methodological Implications of the Theory of Complexity—Havana, Cuba (2010)  
 Society of Experimental Psychologists—University of Pennsylvania, Philadelphia, PA (2010)  
 Commencement Address—University of Connecticut, Storrs, CT (2010)  
 Invited Address, 25th Anniversary Conference on Perception and Action, ZIF—Bielefeld, Germany (2010)

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November 4, 2010

Dr. Diane Alperin  
Provost  
Kenneth R. Williams Administration Building  
Boca Raton Campus

RE: Honorary Doctorate Nomination

Dear Dr. Alperin:

I would like to nominate Mr. Arthur Jaffe for an honorary doctorate at Florida Atlantic University. He is retiring this coming Spring, on the occasion of his 90<sup>th</sup> birthday, and we are planning a number of events and an exhibition highlighting both the Jaffe collection and his own accomplishments, as he relinquishes the reins of the collection; a Spring Honorary Doctorate award would be a perfect capstone for his retirement.

Mr. Jaffe is a classics scholar, with a degree in classical studies and Greek language from Pennsylvania State University, and a certificate of advanced studies in the Hebrew Language from the Hebrew University in Jerusalem. He could easily have had a career as a faculty member teaching history or languages, but WWII intervened, and in 1942 Mr. Jaffe entered the U.S. Army, where his skills soon became evident and he found himself as the Captain of a large military intelligence unit in Europe, from 1942-46. He commanded a unit consisting of more than 100 Ph.D.s and exhibited the managerial skills necessary to take advantage of their great intelligence while minimizing issues of ego; his managerial skills facilitated the work of his unit which resulted in important intelligence information for our troops and saved many lives. He was awarded the Bronze Star for his efforts.

Following WWII, Mr. Jaffe took his GI Bill education benefits to what was then Palestine, where he studied at the Hebrew University in Jerusalem and met many of the leaders of the emerging nation which would become Israel. Jaffe's background in intelligence did not go unnoticed, and he soon found himself working, once again, in this area, this time as a Haganah officer, gathering information which was helpful in the formation of the new state. His work was recently featured in a PBS television show, "Israel's Forgotten Heroes."

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Following this experience, Mr. Jaffe embarked on a successful 30-year career in the business world as a partner in a chain of department stores in western Pennsylvania, Ohio, and Michigan. This successful business career would have capped what would be a wonderful and fulfilling life for most people, who would then be looking forward to retirement, but Mr. Jaffe was just getting started. In 1979, he embarked upon an entirely new career in the field of fundraising and development, initially as Director of Planning and Development for the Carnegie Institute in Pittsburgh, in which capacity he raised the money to build several of the Carnegie Museums in Pittsburgh.

He thereafter moved to fund-raising in the Jewish community of Pittsburgh, where his success brought him to the attention of the Jewish Community Foundation of South Palm Beach County. In 1984, he moved to Boca Raton as Founding Director of the Jewish Community Foundation of South Palm Beach County, and single-handedly raised the money which built the current campus of the South County Jewish Federation in Boca Raton. He maintained his work for the Foundation for ten years. Now a senior figure in the fund-raising world in South Florida, Mr. Jaffe has served in capacities including Board Chair of the National Society of Fund Raising Executives, Palm Beach County Chapter, and has consulted with the Boca Raton Museum of Art and other institutions regarding their capital campaigns. He has been an active member of many community organizations, both locally and nationally, from the Boca Raton Literary Society to the Grolier Club.

Again, for most people, this would have been enough, but the best was yet to come for Mr. Jaffe. Since he was a young man, Mr. Jaffe's passion has always been books, and as his interests changed over time, moving from wood-block printing to art and history, he amassed a collection of thousands of volumes, with the ultimate focus being on the book as an aesthetic object. He became a collector of national renown, and his collection was being sought after by a number of university libraries, including the University of Pittsburgh. Ultimately, because of his volunteer efforts at the FAU Library, he decided to donate his collection to FAU's library, where it is now in a beautiful facility which he largely designed, and which was funded in large part by himself and his late wife Mata. The collection was appraised at more than a million dollars in value upon its donation in 1998; it has probably tripled in value since that time.

The Arthur and Mata Jaffe Collection of Books as Aesthetic Objects has grown considerably over the years and is now one of the largest collections in the country of what are known as "artists' books," books which have been created primarily as works of art rather than as containers of textual information. The Jaffe Collection is the only one of its kind which is very open to the public, and which, in addition, supports academic course work in a large number of areas, from the arts and literature to the sciences. The collection includes books made of fabric, lead, and stainless steel, books without words, pop-up books, one-of-a-kind books which have been created by hand, including the paper, ink, printing, binding, and illustrations, by the artist, and items which many would not recognize as books, such as scrolls, shrouds, and items in the shape of chess boards, houses, and spider webs. The collection, which is visited by people of all ages from primary school classes to senior citizens, expands the concept of what a "book" is, and challenges the visitor to rethink his or her preconceptions about the codex.

At the age of 90, having had yet another career of 18 years at FAU as a volunteer and Endowed Professor, Arthur Jaffe still acts as Curator of the collection, and purchases new materials with his own funds. He comes to work every day and shows materials enthusiastically to anyone willing to listen. Five years ago, Arthur was named to the Ario S. Hyams Professorship in the Libraries, as a token of

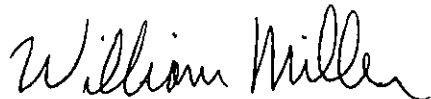
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recognition for his efforts. He is now planning on stepping down from his daily duties and turning the management over to his staff member John Cutrone. At this point, having built something of national importance in the Libraries, as well as having been a major donor to the university (and, incidentally, directly or indirectly responsible for almost every other major donation we have received over the past 20 years), I feel it more than appropriate that FAU should recognize his extraordinary efforts with an honorary doctorate, at this point in his life and in the history of the university.

I have attached a copy of Mr. Jaffe's resume for your further information, and of course am available for any questions you may have.

Thank you for your consideration of this recommendation.

Sincerely,

A handwritten signature in cursive script that reads "William Miller". The signature is written in black ink and is positioned above the typed name.

William Miller, Dean

**Arthur H. Jaffe**  
401 East Linton Blvd. Apt. 608  
Delray Beach, FL 33483  
E-mail: [artjaffe01@aol.com](mailto:artjaffe01@aol.com)  
561-274-9835

**Born:** May 7, 1921 in Butler, Pennsylvania  
**Children:** Jeanne Jaffe; Jonathan Jaffe; Joel (Sandi) Jaffe; Julie (Thomas) Bradrick  
**Stepchildren:** Steven Loevner; Peggy Loevner-Sloane

**EDUCATION:**

1938 Butler Senior High School, Butler, PA  
1942 Pennsylvania State University, B.A., Classical Studies – Greek  
1946-47 Hebrew University, Jerusalem, Palestine  
Advanced Studies in Modern Hebrew Literature

**MILITARY SERVICE:**

1942-1946 Army, Captain; Military Intelligence in France, Germany, Holland,  
Belgium, Denmark, and Luxembourg  
1944-1945 Served in European Combat Campaigns  
1946-1947 Haganah, Israeli Underground Army Intelligence Officer  
1948-1949 Haganah Recruitment Officer

**PROFESSIONAL ACTIVITIES:**

1948-1978 Partner in I.M. Jaffe & Sons department stores in western Pennsylvania,  
eastern Ohio and Michigan  
1979-1981 Director of Planning and Development for Carnegie Institute, Pittsburgh,  
PA  
1981-1984 Founding Director, Jewish Community Foundation, Pittsburgh, PA  
1984-1991 Founding Director, Jewish Community Foundation, South Palm Beach  
County, FL  
1990-1992 Director of Volunteers, Capital Campaign Director Pro Tem, Capital  
Campaign Director, South Palm Beach County Jewish Federation  
1992-1994 Consultant to Capital Campaign, Boca Raton Museum of Art  
1992-present Curator and Research Scholar of Judaica Collection, Florida Atlantic  
University, Boca Raton  
1993-present Ario S. Hyam Professor, Florida Atlantic University  
1997-1999 Editor, Ex Libris, FAU Libraries newsletter  
1998-present Juror, Bienes Center of Literary Arts Annual Artists' Book Competition



- 1998-2003 Curator, Florida Atlantic University Libraries, Arthur and Mata Jaffe  
Collection: Books as Aesthetic Objects
- 2003 Juror, International Miniature Book Competition

**OTHER ACTIVITIES AND INTERESTS:**

Board Member, Florida Humanities Council  
Board Member, Jewish Federation of South Palm Beach County  
Advisory Committee, Wolfsonian Museum Library, Miami Beach  
Advisory Committee, Broward County Library, Ft. Lauderdale  
Board Director, Israel Bonds, South Palm Beach County  
Member, Collector's Forum, Boca Raton Museum of Art  
Member, Cultural Committee, Jewish Community Center, S. Palm Beach  
Director Emeritus and Advisory Board, Shirley Gould House, Boca Raton  
Founding Board Member, Boca Raton Literary Society  
Past President, Fontaneda Society, Ft. Lauderdale  
Former Board Director, Jewish Assn. For Residential Care, Boca Raton  
Former Board Director, National Society of Fund Raising Executives,  
Palm Beach Chapter  
Past President, The Pittsburgh Bibliophiles  
Former Board Member, Forbes Hospice, Pittsburgh, PA  
Former Board Member, Hebrew Institute, Pittsburgh, PA  
Former Chairman, Butler County Cancer Crusade  
Former Board Director, Pittsburgh Center for the Arts  
Member, The Grolier Club  
Actor, Butler Little Theater, Butler, PA

**SYNAGOGUE AFFILIATIONS:**

B'nai Abraham, Butler, PA

**HONORS:**

**Military Service:**

WWII – Bronze Star – European Theatre of Operations & Campaign Ribbons from D-Day to VE-Day; Haganah – Israel Defense Medal and Campaign Ribbon for Israeli Independence

NSFRE Distinguished Fund Raiser, 1991, Palm Beach County

NCCJ Silver Medallion Award 2004, Broward/South Palm Beach Region

Featured in PBS television program "Israel's Forgotten Heroes"

**AVOCATION:**

Collector of Artists' Books, Fine Press and Limited Edition Books, exhibited locally and nationally. Collection of books donated to the S.E. Wimberly Library, Florida Atlantic University, Boca Raton, FL

**PUBLISHING:**

*Terminal Candor and the Coda Syndrome; A Tandem View of Fatal Illness* by Lois and Arthur Jaffe, McGraw-Hill, 1977

Articles for book magazines, i.e. Bookways

Former editor, Ex Libris, newsletter for Wimberly Library, Florida Atlantic University,

Former editor, Judaica Collection Newsletter, FAU

Columnist for Bookways