



# EXCELLENCE



Newsletter of the Alliance of Distinguished and Titled Professors

## Alliance's Angela McBride and Virginia Zeani receive IU President's Medal

### Distinguished Professors Emeritae McBride and Zeani honored

**Angela B. McBride (IN)**, Distinguished Professor Emerita, IU School of Nursing, and **Virginia Zeani (BL)**, Distinguished Professor Emerita, IU Jacobs School of Music, were presented the President's Medal

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for Excellence at a dinner this fall celebrating academic excellence. The presentation was made by IU President Michael A. McRobbie.

McBride, dean of the IU School of Nursing from 1991 to 2003, was instrumental in locating Sigma Theta Tau's International Center for Nursing Scholarship on the IUPUI campus during her presidency of that organization (19887-89) and has served as president of the American Academy of Nursing (1993-95). She is a member of the IU Health Board, chairs the National Advisory Committee for the Robert Wood Johnson Foundation's Nurse Faculty Scholars program and serves on the board of the Society for Women's Health Research.

Zeani, a Romanian-born soprano, reigned as prima donna assoluta at the Teatro

dell'Opera in Rome for 25 years. She sang 69 leading roles during her career. She is especially admired for her interpretation of Violetta in "La Traviata," which she sang more than 600 times. Zeani has received more than 30 awards and orders of merit for her singing.

The President's Medal for Excellence recognizes, among other criteria, distinction in public service, service to IU, and extraordinary merit and achievement in the arts, humanities, sciences, education and industry.

For more information, please go to:

<http://newsinfo.iu.edu/news/page/print/23089.html>

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## IU President McRobbie makes top 10 list

**Indiana University President Michael McRobbie**, 2007 Alliance Honorary Member, is listed among the top 10 most popular university presidents and chancellors in a recent online (Glassdoor.com) report.

Four university presidents tied for the website's top spot. They are Stanford University's John L. Hennessy, the University of Maryland's Wallace D. Loh, the University of Pennsylvania's Amy Gutmann and Yale's Richard C. Levin.

Also, under the category of best place to work, IU had a 3.8 rating for employee satisfaction with the average being 3.2.

Glassdoor.com is a "jobs and career" community, similar to Yelp or LinkedIn. It based its rankings on user reviews and ratings over the past year, setting 20 reviews as the minimum amount for an institution or official to be considered.

\*Above information taken from the *Herald-Times Newspaper*, Bloomington, IN., Wednesday, October 24, 2012 written by

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## 12 IU Faculty members named AAAS Fellows

The prestigious award of the American Association for the Advancement of Science included 10 faculty members from the IU Bloomington College of Arts and Sciences and two from the IU School of Medicine in Indianapolis. This brings the total number to 12, two more than the previous record set last year.

The fellows from Indiana University are:

James Bever (BL), Department of Biology

**Hal Broxmeyer** (IN), Distinguished Professor and Mary Margaret Walther Professor Emeritus, IU School of Medicine

**Yves Brun** (BL), Clyde Culbertson Professor, Department of Biology

Gregory Demas (BL), Department of Biology

William "Clay" Fuqua (BL),

Department of Biology

David Giedroc (BL),  
Department of Chemistry

James Goodson (BL),  
Department of Biology

Julia Heiman (BL), Department of Psychological and Brain Sciences and director, The Kinsey Institute

**Karen Kafadar** (BL), Rudy Professor, Department of Statistics

**Dennis Peters** (BL), Herman T. Briscoe Professor, Department of Chemistry

**G. David Roodman** (IN), Kenneth Wiseman Professor, School of Medicine

**Eliot R. Smith** (BL), War Years Chancellor's Professor, Department of Psychological and Brain Sciences

The announcement brings the total number of AAAS Fellows affiliated with IU to 81. Election as an AAAS Fellow is an honor bestowed upon AAAS members by their peers.

For more information and to view the AAAS citation of merit for each, please go to: <http://newsinfo.iu.edu/news/page/print/23540.html>

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## AMS selects inaugural class

The **American Mathematical Society** has announced its inaugural class of fellows in an effort to recognize scholars who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Selected from the IU Bloomington campus are Eric Bedford, David Fisher, Robert Glassey, Russell Lyons, Peter Sternberg and **Roger M. Temam**, College Professor of Mathematics.

Recognized from IUPUI are **Alexander Its**, Distinguished Professor, Department of Mathematical Sciences and Michal Misiurewicz of the same department.

Temam holds a Ph.D. from the University of Paris and specializes in nonlinear partial differential equations, Navier-Stokes equations, fluid mechanics, numerical analysis and scientific computing.

Alexander Its holds a Ph.D. from Leningrad State University. His major area of research is integrable systems, and his studies have most recently

focused on partial differential equations and related aspects of spectral theory and algebraic geometry, soliton theory and exactly solvable quantum field models.

For more information, please go to:

<http://newsinfo.iu.edu/news/page/print/23434.html> and <http://newscenter.iuui.edu/?id=5860>

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## IU School of Medicine researcher receives Lifetime Achievement Award

**Murray Kor (IN)**, Myles Brand Professor of cancer Research at IU School of Medicine and researcher at the IU Melvin and Bren Simon Cancer Center, received the Vay Liang and Frisca Go Award for Lifetime Achievement from the American Pancreatic Association.

Recipients are chosen because of their leadership within the association and their service as

role models and mentors for future generations of pancreatic researchers and physicians. Their accomplishments in the field must have inspired many and continue to stimulate the next generation to do their best work.

Dr. Korc, also holds the titles of IU professor of medicine and of biochemistry and molecular biology. He and his colleagues design strategies for early pancreatic cancer detection, improved prevention and treatment modalities, and meaningful prolongation of pain-free survival.

For more information, please go to:

<http://www.cancer.iu.edu/news/article.php?id=5394>

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## 2013 Alliance Fall Dinner

The 2013 Alliance Fall meeting and dinner will be held on **Monday, September 30, 2013**, in Bloomington at the Indiana Memorial Union. President Michael McRobbie and Bloomington Provost Lauren Robel will be hosting the event. The general business meeting will begin at 5:00 p.m., followed by a reception at 6:00 p.m. and dinner at 6:30.

You will be receiving more information later this summer about the event.

**Please mark your calendars now.** We hope that you and a guest will plan to attend.

This year's dinner was a huge success with wonderful presentations by Distinguished Professors **Richard DiMarchi** (BL), Chemistry, **Annie Lang** (BL), Telecommunications, and **George Sledge** (IN), IU School of Medicine. **David Pisoni** (BL), Psychological and Brain Sciences, was not able to attend.

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## Meet the new Alliance Steering Committee

Below are the results of the recent 2012 Alliance Steering Committee elections. The new Steering Committee took office beginning October 1, 2012. We wish to thank everyone who participated in the elections.

### Bloomington

**Colin Allen**, Provost Professor of Cognitive Science and of History & Philosophy of Science (see **Member Profile I**)

**Kevin D. Brown**, Richard S. Melvin Professor of Law

**Ted Carmines**, Rudy Professor of Political Science and Warner O. Chapman Professor of Political Science

**Caty Pilachowski**, Daniel Kirkwood Chair in Astronomy

**Stanley Wasserman**, Rudy Professor of Psychological and Brain Sciences and of Sociology; Rudy Professor of Statistics

### IUPUI

**Giuseppe Del Priore**, Mary Fendrich Hulman Professor of Gynecologic Oncology

**Howard J. Edenberg**, Distinguished Professor and Chancellor's Professor of Biochemistry and Molecular Biology

**Janice C. Froehlich**, Chancellor's Professor of Medicine, Cellular and Integrative Physiology (see **Member Profile II**)

**Linda Ann Kelly Hill**, M. Dale Palmer Professor of Law

**John L. Nurnberger, Jr.**, Joyce and Iver Small Professor of Psychiatry

### Alliance Co-Chairs:

#### Bloomington:

Caty Pilachowski

#### IUPUI:

Howard J. Edenberg

For contact information, please go to:

<http://www.indiana.edu/~alldrpo/office.html>

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## Special Honors and Awards

**Herman Aguinis (BL)**, Dean's Research Professor, Kelley School of Business, was honored by the Academy of Management with its Research Methods Division Distinguished Career Award. He was recognized for his lifetime scientific contribution.

Aguinis is an expert in the fields of organizational behavior, human resource management and research methods and analysis. His research is interdisciplinary and addresses human capital acquisition, development and deployment.

The Academy of Management was founded in 1936 and is the

oldest and largest scholarly management association in the world and includes about 20,000 members from 110 nations.

For more information, go to:  
<http://newsinfo.iu.edu/new/page/print/22811.html>

**Richard D. DiMarchi (BL)**, is the recipient of the 2012 Dr. Philip E. Nelson Prize for Innovation given by Governor Mitch Daniels. Governor Daniels created the Nelson Innovation Prize to recognize a Hoosier scientist whose work goes beyond pure scientific research and leads to the creation of products or processes that revolutionizes industry, inspires further scientific inquiry, and improves the quality of life.

For more information, go to:  
<http://www.chem.indiana.edu/news-events/index.asp>

**Jeffrey L. Gould (BL)**, Rudy Professor of History, is at the Institute for Advanced Study, Princeton, as a visiting member for the academic year.

**Susann McDonald (BL)**, Distinguished Professor, Jacobs School of Music, received an honorary professorship at the China Conservatory in Beijing this summer during her trip to China, Japan, and Republic of China (Taiwan) to teach master classes and participate in the

announcement of Hong Kong as the location for the 2017 World Harp Congress.

**Milos Novotny (BL)**, Distinguished Professor Emeritus of Chemistry and Lilly Chemistry Alumni Chair in the College of Arts and Sciences, has received the Italian Chemical Society's 2012 Giorgio Natta Award for his pioneering work and lifetime achievements in capillary liquid chromatography.

For more information, go to:  
<http://newsinfo.iu.edu/news/page/print/22686.html>

**Bernice Pescosolido (BL)**, Distinguished Professor and Chancellor's Professor of Sociology, is the recipient of the 2012 Carl Taube Award presented by the Mental Health Section of the American Public Health Association. The award honors those who have made significant contributions in the field of mental health services research.

For more information, go to:  
<http://newsinfo.iu.edu/news/page/print/23290.html>

**Linda B. Smith (BL)**, Distinguished Professor and Chancellor's Professor of Psychological and Brain Sciences, will receive the 2013 David E. Rumelhart Prize at the Cognitive Science Society

meeting in Berlin in 2013. The award recognizes teams or individuals making a significant contemporary contribution to the theoretical foundations of human cognition. Professor Smith is the second woman to receive the prestigious prize.

For more information, go to:  
<http://newsinfo.iu.edu/news/page/print/22897/html>

**Richard R. Wilk (BL)**, Provost Professor of Anthropology, was awarded a Doctorate of Philosophy *Honoris Causa* by Lund University in Sweden

## New Members

We welcome the following new members to the Alliance since the June 2012 issue of Excellence.

**Charles Bantz (IN)**, 2012 Alliance Honorary Member

**Andrew Barth (IN)**, Chancellor's Professor

**Matthew T. Billett (BL)**, Richard E. Jacobs Chair in Finance

**Gary L. Dunnington (IN)**, Jay L. Grosfeld Professor, IU School of Medicine

**Robert M. Einterz (IN)**,  
Donald E. Brown Professor of  
Global Health

**Eri Hashino (IN)**, Ruth C.  
Holton Chair in Otology

**Eric M. Meslin (IN)**, Professor  
of Medical Ethics

**Irina Petrache (IN)**, Dr. Calvin  
H. English Professor of  
Medicine

**Nicola L. B. Pohl (BL)**, Joan  
and Marvin Carmack Chair in  
Bioorganic Chemistry

**Richard E. Ward (IN)**,  
Chancellor's Professor

**Steve Zegree (BL)**, Pam and  
Jack Burks Professor of Music

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## In Memoriam

The Alliance wishes to extend  
their deepest sympathy to the  
families and friends of the  
following Alliance members  
who have passed away.

**Elinor Ostrom (BL)**,  
Distinguished Professor, Arthur  
F. Bentley Professor of Political  
Science, and 2009 Nobel  
Laureate in Economic Sciences

For more information, go to:  
<http://newsinfo.iu.edu/news/page/print/22577.html>

**Vincent Ostrom (BL)**, Arthur  
F. Bentley Professor Emeritus  
of Political Science

For more information, go to:  
<http://newsinfo.iu.edu/news/page/normal/22741.html>

**L. Leslie Waters (BL)**,  
University Professor Emeritus  
of Transportation and Business  
History

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## Profiles in Excellence

The Alliance would like to  
thank Professors Colin Allen  
and Janice Froehlich for  
agreeing to be profiled.

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### Member Profile I

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**Colin F. Allen (BL)**, Provost  
Professor of Cognitive Science  
and of History & Philosophy of  
Science, joined IU in 2004 with  
a split appointment between the  
Department of History &  
Philosophy of Science and the  
Program in Cognitive Science.  
He is currently the director of  
the Program in Cognitive  
Science. His expertise lies in

the areas of animal cognition  
and artificial intelligence, and  
he is the leading philosopher  
discussing the nature of mind  
and cognition in nonhuman  
animals.

*Q. What are your research  
interests? Your mission?*

A. If it's possible to be an  
"expert jack-of-all-trades,"  
that's probably the best way to  
sum up my interests and my  
mission. As a philosopher  
of science, I love  
connecting the dots among  
many different lines of  
research. To do this well, I  
think philosophers need to  
know quite a lot of science -- at  
least enough to avoid being  
dangerous or seeming  
deranged! I'm interested in  
anything that might be relevant  
to understanding the emergence  
of adaptive, flexible, intelligent  
behavior in both evolutionary  
time and during an individual  
organism's lifetime. I've  
particularly focused on  
nonhuman animals and  
artificial intelligence, and have  
been lucky enough to meet  
people interested in  
collaborating on key projects.  
In 1998 I coauthored *Species of  
Mind: The Philosophy &  
Biology of Cognitive  
Ethology* and in 2008 I  
coauthored *Moral Machines:  
Teaching Robots Right from  
Wrong*. Recently, I've published  
articles on communication and

vocal identification in meerkats, cognition and consciousness in fish, and the cognitive capacities of groups, among other things. Through the efforts of a current student, we are now developing an eye-tracking device to study social cognition in dogs. I also have a project in the digital humanities in which we are using computational methods to extract meaningful information about thinkers and ideas from large quantities of text written by philosophers. We model, analyze, and visualize the different ways in which these thinkers and their ideas are represented in various different kinds of academic writing. With the help of some excellent students, I've been quite successful in getting a series of grants from the National Endowment for the Humanities for this project, which we call the Indiana Philosophy Ontology project, or InPhO for short.

*Q. Talk about your department and where it fits into your research.*

A. I actually have a 50:50 split appointment between the Department of History & Philosophy of Science and the Program in Cognitive Science, where I'm also currently the director. Aside from the doubling of committee work, I wouldn't have it any other way -- I love the interdisciplinary

nature of both HPSC and COGS, and indeed of IU in general, where I'm also affiliated with the Department of Philosophy and the Center for the Integrative Study of Animal Behavior. It's a rare week where there aren't five talks on campus that I'd like to attend, and an even rarer week that I don't go to at least two of them -- often more. For me, being exposed to all these ideas and having colleagues in the different departments and programs who provide a depth of knowledge and variety of viewpoints that I could not begin to encompass on my own is essential to the kind of scientifically-informed philosophy that I favor.

*Q. Speak to the meaning of excellence in your life and work and how you foster excellence in your associates and colleagues.*

A. I've always been acutely aware that there are smarter people than me in most rooms. And while that doesn't mean that I have to agree with them, or that they are right, I have to work hard to understand their positions. I also believe strongly in constructive criticism. Don't just criticize, propose an alternative. That goes for everything from academic disputes to comments on student work to policy discussions in faculty

meetings. I can get a little upset when I think that people are being lazy, refusing to do something or accepting the status quo just because they don't like the thought of doing the work that it would entail to do it properly. Of course, we all cut corners from time to time, and that's why I hope that others similarly hold me to account. For my students, in particular, I try to foster an environment in which everyone can speak freely about each other's work, so long as the criticism is constructive. By keeping criticism constructive, it doesn't become personal and everyone benefits. Excellence is expected -- but as the result of a process, not necessarily on the first attempt.

*Q. Mention any special honors.*

A. Three big honors: First, I was chosen as faculty mentor of the year by the Graduate and Professional Students Organization in 2008. I'm extremely grateful to my students who nominated me for this award. It meant a lot to be recognized by them. Second, the Humboldt Research Award in 2010 which has opened a lot of doors for me in Germany and elsewhere. It was humbling indeed to hear at the award ceremony that one third of recent Nobel prize winners were Humboldt fellows first. It's a good thing that there's no

Nobel prize in philosophy, so failure is not an option because success isn't either! Still, the Humboldt Foundation's slogan, "Exzellenz verbindet" -- excellence connects -- helps me to remember my role as a node in the network that hopefully helps to bind the people in the room who are cleverer than me together. Finally, the Provost Professorship here at IU in 2011. The award ceremony last year was a very nice occasion, and it was flattering to be recognized amongst such good colleagues. This year's ceremony for the 2012 awardees made me realize that for as long as I keep going, I'll be reminded that there are colleagues here at IU who deserved to be recognized before I was.

*Q. What are your interests outside of University work?*

A. My big passion is bike riding and, to a smaller degree, bike racing. I love the roads around Bloomington, and as my wife says, living in Bloomington and not riding a bike is like living at the beach and never going in the ocean. I'm involved with the Scholars Inn Bakehouse racing team helping to select the routes for the team training rides, and trying to help the younger riders who are just getting into the sport. I dabble in racing, and am usually made very aware that I'm not the fastest one there. But I really love riding big mountains

-- so for the past two summers I have ridden l'Étape du Tour -- an amateur event held during the Tour de France on one of the official stages. Last summer I rode the Pau to Bagnères de Luchon stage, 200 km through the Pyrenees, with my IU colleague Fritz Breithaupt and former graduate student Carlos Zednik. The year before I did the Alpe d'Huez stage with my wife and my sister's husband. Aside from that, I try to take advantage of the various cultural opportunities in Bloomington -- the Lotus Festival, occasional outings to the opera, theater on campus and off, and the many restaurants around town. I like to cook for dinner parties -- but less so for picky kids!

*Q. Finally, is there anything of human interest that you may want to share with the members?*

A. Fortunately, I don't have to work very hard to get people interested in animal cognition and developments in robotics. But there is one part of the world that I haven't figured out how to connect to yet: if anyone needs a philosopher of cognitive science in Antarctica, let me know!

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## Member Profile II

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**Janice Froehlich (IN)**, Chancellor's Professor of Medicine, Cellular and Integrative Physiology, and Medical Neurobiology, is interested in the genetics of alcoholism.

*Q. What are your research interests? Your mission?*

A. I am interested in why some people drink alcohol to excess and others do not. When it first became clear that alcoholism is, in large part, genetically determined, the question became: What is inherited when one inherits a genetic predisposition toward alcohol abuse and alcoholism? During the course of my career, we have compared hormonal, neurochemical, and behavioral responses to alcohol in both animal and human populations. We have found that both animals and humans with a genetic propensity toward high alcohol drinking have an increased responsiveness of the brain reward system to alcohol. Alcohol-naïve animals with a genetic propensity to drink alcohol also become tolerant to the sedative properties of

alcohol more quickly than do animals without a genetic predisposition. Hence, increased euphoria when drinking alcohol, and a reduction in the sedative response to alcohol that would normally tend to curtail further drinking, are both heritable and can contribute to excessive alcohol drinking.

During the past decade, my research program has focused on the development of medications to manage alcohol drinking. The goal is to make additional drugs available that can reduce the desire to drink, enhance the ability of individuals to stop drinking once drinking has begun, and reduce the probability of a return to drinking following attainment of abstinence (alcohol relapse). My laboratory contributed to the preclinical work that led to clinical trials and FDA approval of naltrexone (Trexan) as a medication for the treatment of alcohol abuse and alcoholism. Trexan is one of only three medications that have been approved by the FDA for the treatment of alcoholism. Currently, we are finding that a drug that improves symptoms of post traumatic stress disorder (PTSD) also holds promise as a medication for alcoholism, particularly when combined with naltrexone. Combining medications that work through different brain neurotransmitter

pathways may be a particularly valuable approach for treating alcohol use disorders.

*Q. Talk about your department and where it fits into your research.*

A. My greatest fulfillment has always come from watching my work move from bench to bedside. I am in the Department of Medicine in the Division of Endocrinology and Metabolism. This has been a perfect fit for me because I am encouraged and stimulated every day by examples of how new research findings are being used to improve clinical outcomes.

*Q. Speak to the meaning of excellence in your life and work and how you foster excellence in your associates and colleagues.*

A. It is a privilege to be able to spend your life asking and answering the questions that you find interesting. Some might even say it's an indulgence. The least we can do, in return, is the best we are capable of. I have learned the meaning of excellence from watching and listening to some of the greatest mentors a person can have. I try to pass on the lessons, values and wisdom I learned from them to my own

students, fellows and colleagues and I hope that they, too, will pass it on.

*Q. Mention any special honors.*

A. In 2005, I was asked to serve as Interim Vice Chancellor for Research at IUPUI. I was honored because it suggested that my colleagues may have felt that I was capable of furthering the research mission for all the university schools. While in that position, I came to know a remarkable array of bright, creative, and dedicated scientists and professors who demonstrate excellence every day. Helping them to achieve their research aspirations was a wonderful challenge that enriched my life.

*Q. What are your interests outside of University work?*

A. I have lived in several different regions of the United States and have family and friends in many locations. Getting together, whenever possible, is a great pleasure and we travel nationally and internationally sampling cuisines, learning about cultural and lifestyle differences, and comparing views on everything from proper preparation of mollusks to energy conservation. I use writing poetry as a way to record

changes, as a distraction from work, and as a release from the “noise” of the world.

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**Letters to the Editor**

The Steering Committee invites the general membership to contribute “letters to the editor.” The topics should be related to the mission of the Alliance. Given our sparse publication schedule, the letters should address concerns that will be of relevance after a delay of weeks or months. Such letters provide a means for members not on the Steering Committee to play a role in setting policy and priorities, and we encourage you to make such a contribution. Please send letters to the Alliance office, Poplars 823, IUB, Fax: 812-855-5767 or email to [alliance@indiana.edu](mailto:alliance@indiana.edu)

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**Fall Dinner to be held  
Monday  
September 30, 2013  
in Bloomington**

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