A Message From Our Chair

Dear Colleagues and Friends,

The legacy of our Physiology Department continues with 127 years and counting. It is my pleasure to take this opportunity to highlight some of the activities and events that have taken place during the past year. The most important part of the department is its people and on that front we have added to our faculty family several new members including: Malcolm Low from the University of Oregon as Professor; Scott Fletcher from Baylor College of Medicine as Associate Professor; Yatrik Shah from the National Cancer Institute as Assistant Professor; Lei Yin from the University of Pennsylvania as Assistant Professor; Nancy Linford from Baylor College of Medicine as a Research Investigator; and Xin (Tony) Tong from the University of Pennsylvania as a Research Investigator. We are also actively recruiting in the areas of reproductive sciences, cardiovascular physiology and systems biology. In addition, joint appointments were extended to Justus Anunowno (Assistant Professor, Internal Medicine/Cardiology), Peter Arvan (Professor, Internal Medicine/Metabolism, Endocrinology & Diabetes), Lori Iomn (Professor, Pharmacology) and Chung Owyang (Professor, Internal Medicine/Gastroenterology). More information pertaining to our new faculty members is provided in this Newsletter. Collectively, this brings us to a total of 27 primary faculty, 35 joint faculty, 7 adjunct and 8 active and inactive emeritus faculty members, and 5 research faculty. The depth and breadth of the expertise of our faculty place us among the elite institutions in terms of what we are able to offer to our students and trainees.

Several highlights pertaining to the University of Michigan deserve mention, which directly or indirectly have a positive impact on our department. First, is the acquisition of the former Pfizer facility located at Huron Parkway and Plymouth Road. This was formalized in June 2008 (measured from Oct through Sept), which is the highest ranking the School has received. During 2008, our physiology department ranked 10th nationally in NIH dollars, and we are even more excited because we anticipate that this ranking will improve to single digits during 2009, since our grant funding increased from 10.6 million dollars in 2008 to 13.6 million dollars in 2009. Highlights of the 2008-2009 academic year include the John Faulkner Day event (please see more details on page 2) and the naming of John A. Williams as the first recipient of the Horace W. Davenport endowed collegiate professorship in physiology (ceremony planned for February 1, 2010). We are also embarking on an effort to establish the John A. Williams Collegiate Professorship of Gastrointestinal Physiology to honor John’s contributions and service to our department and the field (please see the back of this Newsletter for our fund-raising efforts). John remains a very active and essential member of our department and he continues to hold two NIH grants (including a prestigious NIH Merit “R37” Award) and oversees our Systems and Integrative Biology Training Grant. Of course, my faculty colleagues would scold me if I did not mention as another highlight that this year’s student-faculty annual softball game was won by the faculty with a score of 11-3 and I am not sure if this margin can ever be duplicated.

To our alumni and former co-workers, I hope you will stay in touch and visit us or visit our website at www.physiology.med.umich.edu. It is an honor and a privilege for me to be part of the Physiology Department at the University of Michigan.

With very best wishes,

Bishr Omary

2009 Physiology Faculty

Table Row: 1st Row: Jimo Borjigin, John Faulkner, Beth Rust, Michael Sutton
2nd Row: John Williams, Santiago Schnell, David Pinsky, Chuck Burant, Marc Hershenson
3rd Row: Dan Michele, Malcolm Low, Shawn Xu, Rick Mortensen, Anatoli Lopatin, Scott Pletcher, Xin (Tony) Tong
4th Row: Daniel Michel, Malcolm Lee, Maria Xu, Rich Mercier, Anurak Lopatin, Scott Pletcher, Linda Samuelson

Post Docs/Summer Fellowship 6
Donor List 7
Alumni Spotlight 8
Donation Opportunities 8

Inside
Faulkner has also been a member of the American Physiological Society Executive Director, and Doug Noll (Chair of Biomedical Engineering). Dr. Faulkner was presented with a Lifetime Service Award, by University President Mary Sue Coleman, as the longest-serving active faculty member of the Medical School. John Faulkner joined the faculty of the University of Michigan in 1960 and moved to the Physiology Department as an Associate Professor in 1966. Dr. Faulkner has also been a member of the American Physiological Society (APS) for over 41 years. Gary Sieck and Martin Frank read a proclamation issued by the APS acknowledging Faulkner’s extensive and important contributions to research, teaching, and mentoring in the field of Physiology. John was presented with a commemorative plaque engraved with the APS proclamation. Remarks were also given by Dean Wooliscroft, then by Bishr Omary and finally John Williams (current and past chairs of our department), and by former U-M football coach Lloyd Carr who presented John with a signed U-M football helmet. The event also included a musical tribute led by faculty members James Ashton-Miller and Mark Palmer that included audience participation. The audience participation involved singing: “He’s a biking up Geddes to the U / His oldest sarcomeres to renew / Titin, Z-bands and myosin, too / John’s the best o’Maize & Blue!” The highlight for the attendees was a presentation by Dr. Faulkner describing the unlikely path that brought him to the University of Michigan over 50 years ago and how he has sustained a 49-year career at Michigan. It was a wonderful opportunity to let John know how much the University, the Medical School, the Department of Molecular & Integrative Physiology, John's Colleagues and co-workers (and even the U-M football team) appreciated his contributions and how many lives he touched over the years.

**New Primary Faculty**

**Nancy Lindford**

“I am using Drosophila melanogaster as a model to understand how sleep and aging interact on a molecular level and how environmental factors influence this relationship.”

**Malcolm Low**

“Our laboratory is pursuing the big question of how the hypothalamus integrates information coming from other brain areas and the peripheral circulation to maintain stable body weight.”

**Yatrik Shah**

“Gastrointestinal homeostasis, inflammation and cancer.”

**Xin(Tony)Tong**

“New Joint Faculty”

**Peter Arvan**

“The central focus of our laboratory is to examine molecular mechanisms involved in the trafficking and selective targeting of newly synthesized endocrine secretory proteins.”

**Lori Isom**

“Our laboratory studies the sodium channel beta subunits and their role in modulation of channel function, cell adhesion, neurite outgrowth, and transcription.”

**Justus Anumonwo**

“Our laboratory studies the biophysical and regulatory properties of inward rectifier potassium current, which is critical for the excitability of cardiac cells.”

**Chang Ouyang**

“Our research interests focus on neuroendocrine control of digestive functions including pancreatic secretion, GI motility and eating behavior.”

**John Faulkner Day**

John Faulkner, Ph.D., was honored for his 49 years, and counting, of service to U-M at a lunch event at the U-M Alumni Center on June 4, 2009. This event was called “John Faulkner Day” and was attended by 130 “fans” that included faculty, staff, students, John’s wife Margaret and his daughter Melanie (John and Margaret’s second daughter, Megan, was unable to attend because of scheduling issues that were beyond her control). Other invited guests included President Mary Sue Coleman, Dean James Wooliscroft, Coach Lloyd Carr, Gary Sieck (American Physiological Society President), Martin Frank (American Physiological Society Executive Director), and Doug Noll (Chair of Biomedical Engineering). Dr. Faulkner was presented with a Lifetime Service Award, by University President Mary Sue Coleman, as the longest-serving active faculty member of the Medical School. John Faulkner joined the faculty of the University of Michigan in 1960 and moved to the Physiology Department as an Associate Professor in 1966. Dr. Faulkner has also been a member of the American Physiological Society (APS) for over 41 years. Gary Sieck and Martin Frank read a proclamation issued by the APS acknowledging Faulkner’s extensive and important contributions to research, teaching, and mentoring in the field of Physiology. John was presented with a commemorative plaque engraved with the APS proclamation. Remarks were also given by Dean Wooliscroft, then by Bishr Omary and finally John Williams (current and past chairs of our department), and by former U-M football coach Lloyd Carr who presented John with a signed U-M football helmet. The event also included a musical tribute led by faculty members James Ashton-Miller and Mark Palmer that included audience participation. The audience participation involved singing: “He’s a biking up Geddes to the U / His oldest sarcomeres to renew / Titin, Z-bands and myosin, too / John’s the best o’Maize & Blue!” The highlight for the attendees was a presentation by Dr. Faulkner describing the unlikely path that brought him to the University of Michigan over 50 years ago and how he has sustained a 49-year career at Michigan. It was a wonderful opportunity to let John know how much the University, the Medical School, the Department of Molecular & Integrative Physiology, John’s Colleagues and co-workers (and even the U-M football team) appreciated his contributions and how many lives he touched over the years.

**Scott Fletcher**

“Our goal is to identify and investigate genetic mechanisms that are likely to be important for aging and age-related disease in humans by focusing on equivalent, conserved processes in the fruit fly, Drosophila melanogaster.”

**Lei Yin**

“Our research focuses on the role of post-translational modifications, specifically ubiquitination in the regulation of circadian rhythm.”
Primary Faculty (27)
- Jimo Borjigin
- Susan Brooks
- Christin Carter-Su
- Louis D'Alley
- John Faulkner
- Ken Fooko
- Fred Karlish
- Lisa Larkin
- Anatoli Lopatin
- Malcolm Low
- Ormond MacDougald
- Daniel Michele
- Richard Mortensen
- Geoffrey Murphy
- Bishr Omary
- Scott Pletcher
- Xuequn Chen
- Nancy Linford
- Dolors Sans Gili
- Xin (Tony) Tong

Joint Faculty (35)
- Janusz Anienny
- Peter Arvan
- Robert Bradley
- Steven Britton
- Frank Brosius
- Charles Burant
- Gregory Cartee
- Mario Delmar
- Peter Dempsey
- Gary Hammer
- Todd Herron
- Mark Hershenson
- Bret Hughes
- An-Lin (Allen) Hsu
- Lori Isom
- José Jalife
- Richard Kepp
- Carey Luna
- Ralph Lydic
- Ram Menon
- Juanita Merchant
- Martin Myers
- Mark Opp
- Chung OwYang
- Vasanth Padmanabhan

Adjunct Faculty (7)
- Joan Keiser
- Tatiana Kostrominova
- Nam-On Ku
- Warren Lockette
- Joseph Metzger
- Thomas Morrise
- Tadatsuka Yamada

Emeritus Faculty (8)
- Steve Julius
- Landis Keyes
- Richard Målvin
- John McReynolds
- Lester Rutledge
- Jürgen Schniermann
- James Sherman
- Arthur Vander

Faculty Awards & Honors 2008-2009

Christin Carter-Su:
2008-2010 Gordon Conference on Prolactin and Growth Hormone Vice Chair (2008-2010), Chair (2010-2012)

John Faulkner:
2009 University of Michigan Lifetime Service Award

Lori Isom:
2009 Distinguished Alumni Lecturer, University of Washington, Department of Pharmacology
2009 University of Michigan Rackham Graduate School Distinguished Faculty Award
2009 Chair, FASEB Summer Conference on Ion Channel Regulation

José Jalife:
2009 Distinguished Scientist Award of the Heart Rhythm Society
2009 Member, Scientific Advisory Board, University of Rochester, Ash Cardiovascular Research Institute

Fred Karlish:
2009 Roy O. Greep Award Lecture from the Endocrine Society

Ormond MacDougald:
2009 Editorial Boards of Journal of Biological Chemistry, Obesity

Elizabeth Rust:
2009 Basic Sciences Teaching Award in Physiology

Linda Samuelson:
2008-2011 American Physiological Society Councilor

Santiago Schnell:
2008 Member, Board of Directors of the Society for Mathematical Biology

Jessica Schwartz:
2008 Distinguished Graduate Mentoring Award

Susan Shore:
2008-2009 Guest Editor, American Journal of Audiology

Michael Sutton:
2008 Pew Biomedical Scholar

John Williams:
2008 Frank Brooks Memorial Lecture of the American Pancreatic Association
2009 First Horace W. Davenport Collegiate Professor of Physiology

Physiology Faculty:
I made it through my first year as graduate director with the help of a terrific committee and lots of support from the coordinator, Michele Boggs. Of note, in the past academic year, eight students obtained their doctorates, seven passed their preliminary exams to candidacy, and six students joined Molecular & Integrative Physiology from either the Program in Biomedical Sciences or Medical Science Training Program. You can find out more about the exciting work, accomplishments and research interests of our students by visiting the graduate program webpage: http://www.med.umich.edu/physgrad/home. As we enter into the winter recruiting season, I would like to remind you that some of our greatest recruiters have been our “friends” of Physiology - particularly our alumni, former faculty, and former postdoctoral fellows. Each year several of our top applicants from across the country have crossed paths with one of you, and that influenced them to apply and/or join our program. So thank you, and please keep encouraging your best and brightest to consider the Physiology Graduate Program for their graduate studies.

We recently had a number of events to welcome our new students and celebrate the tremendous accomplishments of our existing graduate students. During our Fall Welcome, we introduced to the department the incoming PIBS students with an interest in graduate students. During our Fall Welcome, we introduced to the department the incoming PIBS students with an interest in Molecular & Integrative Physiology. We also presented the John A. Williams Service Award to Nathan Palpant, the Arthur J. Vander Teaching Award to Jon Mowers, and the John Bean Award for Academic Excellence to Joel McDade. Another highlight has been the Fall Picnic hosted by our second year graduate students during which the faculty retains the honor of winning the annual faculty-student softball game. Unlike last year, when many of the graduate students departed before the game to play intramural softball for “The Phizz,” this year the faculty won against a full complement of students, and with only the slightest stacking of the deck. Clearly Forbes was correct when he said “Victory is sweetest when you’ve known defeat.” Thank goodness for our imported ace left fielder! Our most recent event was the 20th Annual Fall Research Forum. There was an energetic poster session, as well as oral presentations from four graduate student finalists in competition for the Horace W. Davenport Research Award. The winner this year was Kelli VantDansen, a MIP graduate student in Linda Samuelson’s lab who presented on “Notch-Regulated Mechanisms of Intestinal Secretory Lineage Development and Stem Cell Marker Expression.” The keynote address, “Novel Mechanisms Regulating Glucose Transport in Skeletal Muscle,” was given by Laurie Goodyear of the Joslin Diabetes Center and Harvard Medical School.

The graduate students in the Molecular & Integrative Physiology department are raising funds for an endowment entitled “Graduate Education Fund in Physiology”. Their initial goal is to raise $100,000 in three years, which will then be doubled by a match by the Medical School. Through sponsorship for the Dexter to Ann Arbor Run, sales of MIP T-shirts, and foundation support, they have achieved their first year goal of just over $33,000. Interest generated by the endowment will be disbursed to support priorities such as research grants for high impact/high risk experiments, equipment, travel expenses for scientific meetings and stipends. Thus, this endowment will be used to propel the development of future generations of biomedical researchers & teachers, many of whom will study the mechanistic underpinnings of human maladies such as cancer, heart disease, diabetes, and obesity, translate these findings into bedside treatments, as well as train and educate future generations of our scientific community.

Ormond MacDougald

Graduate Students

Matthew Hyman, PhD
Mentor: David Pinsky, M.D.
The thesis: Ecto-enzymes, shear stress and atherogenesis
Current Position: Medical School Clinical Training, University of Michigan

Scott Robertson, Ph.D.
Mentor: Martin Myers, M.D., Ph.D.
The thesis: Roles of Jak2 in leptin action: from molecular signaling to physiology
Current Position: Medical School Clinical Training, University of Michigan

Rebecca Loehan, PhD
Mentor: Martin Myers, M.D., Ph.D.
The thesis: Multiple loci of intra-and extra-hypothalamic leptin receptor expression and action in the mouse
Current Position: Postdoc, Myers Lab, University of Michigan

Jay Salazar, Ph.D.
Mentor: Susan Brooks-Herzog, Ph.D.
The thesis: Amelioration of muscle atrophy and weakness by inhibition of calcinurin or deacetylation during hindlimb suspension
Current Position: Medical School, UCSF

Michael Usher, Ph.D.
Mentor: Richard Mortensen, M.D., Ph.D.
The thesis: Non-classical actions of the mineralocorticoid receptor in macrophages control cardiovascular inflammation
Current Position: Medical School Clinical Training, University of Michigan

David Morris, Ph.D.
Mentor: Lianggou Rui, Ph.D.
The thesis: S1H251 regulates insulin sensitivity and glucose homeostasis by multiple mechanisms
Current Position: Postdoc, Lumeng Lab, University of Michigan

Eileen Vesely, Ph.D.
Mentor: Frank Brosius, M.D.
The thesis: Glut1-induced cflp expression promotes proliferation and prevents apoptosis in vmcs
Current Position: Postdoc, Martens Lab, University of Michigan

Nathan Palpant, Ph.D.
Mentor: Joseph Metzger, Ph.D.
The thesis: Structural, functional and evolutionary implications of a histidine moiety in cardiac troponin I
Current Position: Postdoc, Maruy Lab, University of Washington

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The thesis: Structural, functional and evolutionary implications of a histidine moiety in cardiac troponin I
Current Position: Postdoc, Maruy Lab, University of Washington
After 37 years on the faculty here at Michigan, I have closed my lab and plan to begin full retirement in February 2010. This occasion causes me to reflect and put things into perspective. When I moved here with my family in 1972, my wife Nora and I considered Ann Arbor a temporary stopover until a new opportunity presented itself. But after being here a year or so, we came to realize this was the place for us. I was stimulated and challenged by the tremendous professional opportunities and great colleagues, and we were both hooked by the wonderful intellectual environment and cultural diversity of the University and Ann Arbor community. Not only did I have a hard time imagining a better place professionally, this was a great place to raise our kids. We never regretted our decision to stay.

Sure, there have been some bumps and rough spots along my career path here, but these were far outweighed by the fabulous opportunities provided by the University and the Physiology Department. As just one example, I cannot think of another Medical School where a group of beginning faculty and their students and staff could build, from the ground up, a world-class facility for conducting research on sheep in a semi-agricultural setting – all with a total starting budget under twenty thousand dollars! This and other opportunities here have enabled me to achieve something special as we investigated neuroendocrine mechanisms that govern reproduction. For sure, the research and cultural diversity of the University and Ann Arbor community, not to mention our passion for UM sports. Not only did I have a hard time imagining a better place professionally, this was a great place to raise our kids. We never regretted our decision to stay.

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On a personal level, my wife Nora and I have enjoyed our closely-knit scientific family that emerged over the years. I look forward to continuing these interactions for many years to come. So as I look back on my time here at Michigan, there are so many positive thoughts that will carry forward into retirement. I wish to thank all that have shared in this experience.
Post-Doc Corner

Currently, there are 30 post-doctoral fellows in the Physiology department, many of whom are from outside the US. One of the biggest challenges for Kyle and me this year was to organize and coordinate MIP post-doc meetings and create a venue where post-docs can socialize, network, and present their research to fellow colleagues. The format of our meetings was simple: lunch, research data presentation, and a final discussion. The attendance has averaged 70-80% of the total number of MIP post-docs, a considerable achievement given the inception of these meetings in just the last year. A lot of questions were asked at these meetings and each of the speakers has spoken positively of the experience and ideas generated from much of the feedback. Thus, these meetings have provided an opportunity for all the post-docs to hear about one another’s area of research. Most importantly, it has provided an excellent opportunity for post-docs to exchange technical know-how, reagents, share professional advice, and get to know each other.

At some of our first meetings, we had the opportunity to invite Peter Hitchcock, the Director of UMMS Office of Postdoctoral Studies, and William Brackenbury, the current President of UMPDA. Both highlighted the resources available to Physiology post-docs and discussed upcoming events.

Our accomplishment this year was our invitation to host an external speaker. After submitting several names of interest, MIP post-docs voted to invite Jared Rutter, Associate Professor from the University of Utah. Dr. Rutter’s research focuses on the role of the nutrient sensing PAS kinase and its control of energy metabolism. His seminar was well attended, and in addition to his excellent presentation, Dr. Rutter provided the post-docs with helpful advice on how to search for faculty positions, lead a successful research group, and carve out a unique research niche.

Last July, a post-doc meeting was organized at the Arrhythmia Center since a number of post-docs travel from across campus to MSU to attend our monthly meetings. We would like to thank Jose Jalife for facilitating the organization of this meeting and sponsoring refreshments.

On October 10th, the university-wide post-doc association (UMPDA), hosted its first regional meeting entitled “Career Roadmaps for Post-docs” This meeting included post-docs from several institutions including the University of Michigan, Michigan State University, and Wayne State University. The upcoming months will mark a transition period where Kyle Sousa will serve as the MIP post-doc society’s next President along with the election of a new Vice-President. We anticipate looking forward to continuing these organized meetings and activities. Finally, the MIP post-docs would like to extend a message of thanks to the Department of Molecular and Integrative Physiology for encouraging the inception and continued success of our departmental post-doc society.

Maria Eugenia Sabbatini, President
Kyle Sousa, Vice-President

Summer Fellowship Program

The Department recently initiated a summer undergraduate research program that had its kick-off June-August of 2009. The program website is at http://sitemaker.umich.edu/mipsummerfellowship/home. The MIP Undergraduate Fellowship was overseen by Dr. Ormond MacDougald, with assistance from Dan Michele, and had as its goal, recruitment of undergraduate students from other institutions for a summer research experience in a MIP laboratory at the University of Michigan. While the long term goal was to increase the quality and quantity of strong applicants for our graduate program, in a larger context, the goal was also to increase interest in biomedical research as a career, and to make more scientifically informed citizens. We enrolled nine undergraduate students from six institutions. While the foundation of the undergraduate student’s research experience was in the laboratory, we supplemented their education with a number of opportunities including a summer lecture series and a mini-symposium in which the fellows gave oral presentations on their summer research project and findings. Funding for the student stipends came from several sources, including American Recovery and Reinvestment Act funds, the National Science Foundation, the University of Michigan Horace H. Rackham School of Graduate Studies, and Calvin College. Bolstered by a highly successful initial year, the Department of MIP intends to continue the summer undergraduate research program.
## 2008-2009 Physiology Donors

### John Williams Collegiate Professorship in Gastrointestinal Physiology
- Francine and Horace Bomar
- Jimo Borjigin and Mike Wang
- Steven L. Britton
- Gregory D. Cartee
- Christin Carter-Su and Eugene Su
- Louis and Susan D'Alecy
- Robert De Lisle and Eileen Roach
- Matthew J. DiMagno
- Margaret and John Faulkner
- Marc B. Herxenhon
- Susan Brooks and John Herzog
- Ken Inoki
- Fred and Nora Karsch
- Joan Keister and Arthur Tu
- Nam-On Ku
- Anatoli N. Lopatin
- Ormond and Annie MacDougald
- Ram K. Menon
- Juanita L. Merchant
- Daniel E. Michele
- Richard M. Mortensen
- Geoffrey Murphy
- Martin G. Myers
- Bishr Omary
- Vasanthi Padmanabhan
- Scott Pletcher
- Donald G. Puro
- Liangyou Rui
- Elizabeth M. Rust
- Linda Samuelson and Joel Howell
- Santiago D. Schnell
- Jessica Schwartz
- Susan E. Shore
- Edward Susnkel
- Michael M. Sutton
- John and Christa Williams
- Xiangqun S Qi and Xian-Zhong Xu
- Pfizer Foundation/Joan Keister Matching funds

### Philanthropy SERF Fund
- Gabriel and Sara Frommer

### David F. Bohr Fund
- Phyllis R. Allen
- Joseph Cannon
- Kenneth G. Crump
- Louis and Susan D'Alecy
- Robert W. Doty
- John and Margaret Faulkner
- Lois J. Heller
- Anatoli N. Lopatin
- Paul and Ruth Moore
- Bishr Omary
- Henry and Luna Pollack
- Robert Rapp
- Paul and Betty G. Rondell
- William and Barbara Russell
- Jessica Schwartz
- Joni Sileou
- R. Clinton and Nancy Webb

### Graduate Education Fund in Physiology
- Asma Al Menhali
- Bradford and Theresa Angelini
- Caroline Anyanwu
- Peter Arvan and Amy Chang
- Amy Baek
- Matthew Barnabei
- Tom and Currie Barron
- Christopher W. Beecher
- Christina N. Bennett
- Francine and Horace Bomar
- Jimo Borjigin and Michael Wang
- James and Merry Lou Bramer
- Susan Brooks and John Herzog
- Connie and Alex Bridges
- Carolyn L. Buller
- Charles Burant and Mary Treutelaar
- Katherine Campbell
- Matthew Campbell
- Gregory D. Cartee
- Christin Carter-Su and Eugene Su
- William P. Cathnon
- Hyuk C. Cha
- Asmanee Chatteraj
- Wei-Chung Chiang
- Halina Chloukorka
- David C. Dawson
- Michael Doche
- Heather Dupuis and Carsten Holinke
- John and Margaret Faulkner
- Stephen and Marie Fox
- Gabriel and Sara Frommer
- Jessica D. Gamerson
- Gary and Lisa Hammer
- Kurt and Claire Hankenson
- Barbara and Ian Hawkins
- Jill and Herb Heavenrich
- Luqiu Hou
- Matthew Hyman
- Ken Inoki
- Lori L. Isom
- Jose and Paloma Jalife
- So Na Kang
- Fred and Nora Karsch
- David Klein Construction, Inc.
- Marie Kohler and Brian Mani
- Louis and Kevin Knaay
- Karen A. Lacourse
- Lisa M. Larkin
- Rebecca L. Leshan
- Anatoli N. Lopatin
- Gwen Louis
- Malcolm J. Low
- Carey N. Lumeng
- Ralph Lydic and Helen Baghdoyan
- Douglas MacDougald and Barbara Green
- Bhatia MacDougald
- Clayton MacDougald
- Ormond and Annie MacDougald
- Walter and Marian MacDougald
- James Mackrell
- Joel R. McDade
- Ram K. Menon
- Daniel E. Michele
- Suzanne M. Moenter
- David Morris
- Richard M. Mortensen
- John Moses
- Jonathan Mowers
- Martin G. Myers
- Deepi R. Nagarkar
- Ravindra and Vidya Nagarkar
- Novartis Matching Funds/Karen A. Lacourse
- Ryan O'Connell
- Bishr Omary
- Nathan Palpant
- Corinna and Walter Parker
- John T. Petrie
- Robert D. Phair
- Beverly Piggott
- Sara Riceley
- Diane M. Robins
- Scott Robertson
- Amy Rothberg
- Liangyou Rui
- Elizabeth M. Rust
- Jesus Salazar
- Linda Samuelson and Joel Howell
- Santiago D. Schnell
- Jurgen B. Schnermann
- Donel A. Sequea
- Yatrik M. Shah
- Jessica Schwartz
- Susan E. Shore
- Barbara T. and Harvey V. Sparks
- Angela R. Sabaute
- Michael M. Sutton
- Alan and Swannat Sattel
- Sushartia Shik
- Angela A. Tucker
- Maean A. Umm
- Michael Usher
- Kelli VanDussen
- Guoxiao Wang
- Martene Calderon Welch
- John and Christa Williams
- TingXin Xiong
- Xia-Zhong Xu
- Linda and Lou Zadow
- Sempercor Foundation
Where Are They Now?

Spotlight on Alumni

Nancy Wayne received her PhD from the Department of Physiology in 1988, working on “Pineal regulation of seasonal breeding in the ewe: Interactions of environment signals with endogenous rhythms” with Dr. Fred Karsch. She then spent four years at the University of Virginia with Dr. Gene Block, developing an invertebrate model of reproductive neuroendocrinology for understanding cell physiological mechanisms underlying excitation-secretion coupling. Dr. Wayne became a faculty member in the Department of Physiology at the David Geffen School of Medicine at UCLA in 1992, and was promoted to Professor in 2005. She is heavily involved in teaching the first-year medical curriculum. She still holds on to her early edition Human Physiology textbook by Vander, Sherman and Luciano, as well as Davenport’s classic Digest of Digestion – Hail! Hail! to Michigan, the leaders and the best! Her current research program uses transgenic fish to understand mechanisms regulating the cell physiology of gonadotropin releasing hormone (GnRH) neurons in the intact neural network. In addition to research and teaching, Dr. Wayne is involved in campus-wide administration as Special Assistant to the Chancellor for Academic Projects. Dr. Wayne hopes at some point to get back to The University of Michigan before she retires.

Gift Opportunities

David F. Bohr Professorship

This endowment was established in honor of Dr. David Bohr and the more than six decades of enormous contributions to our department and the field of physiology at large. We are hoping to use this fund and other department resources to ultimately establish the David F. Bohr Chair of Physiology.

Graduate Education Endowment Fund

The Graduate Education Fund was established in the Fall of 2008. Donations will be matched by the Medical School Dean’s Office up to a total of $500,000. The income from this endowment will be used exclusively to support graduate education in the department.

John A. Williams Collegiate Professorship in Gastrointestinal Physiology

The John A. Williams Collegiate Professorship in Gastrointestinal Physiology was established in the Fall of 2008. Funds raised by the department will be matched by the Medical School Dean’s Office up to $250,000 for a total endowment of $500,000. Once the value of the endowment reaches $500,000 the Professorship will be conferred. This will honor the 21 year service that John Williams gave to the department as its chair, and his contributions to the field of pancreatic physiology.

If you would like to make a contribution, please enclose a check in the envelope provided. Please make checks payable to the University of Michigan and place in the notes section which fund you would like to contribute to. If you would rather contribute by credit card, you may visit www.meduninemichigan.org and this site will allow you to choose one of these funds to donate to. If you have any questions regarding the above funds, please contact Ann Boyd-Stewart at aboydst@med.umich.edu or contact Bishr Omary at mbishr@umich.edu.

The funds constitute a gift for endowment, and distribution from the funds will be made in accordance with the University’s then existing endowment distribution policy.