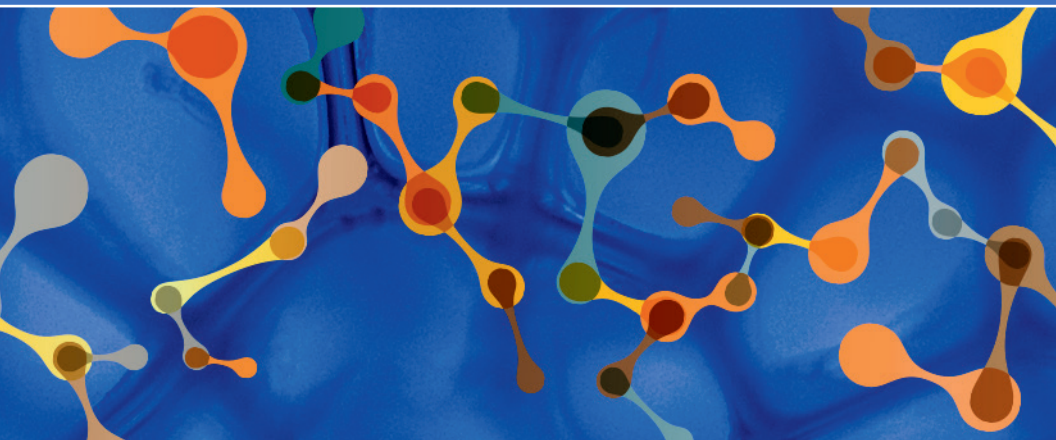




Mayo Clinic School of
Continuous Professional Development

Mayo Clinic

YOUNG INVESTIGATORS RESEARCH SYMPOSIUM



MARCH 23–24, 2018

GEFFEN AUDITORIUM / GONDA BUILDING / MAYO CLINIC
200 FIRST STREET SW
ROCHESTER, MN

**5.75
AMA PRA
CREDITS**

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COURSE DESCRIPTION

A symposium for young investigators providing graduate students, medical students, residents, clinical fellows, postdoctoral fellows, and junior faculty with opportunities to learn more about the conduct of basic and clinical research. A variety of subjects related to research from bench to bedside will be addressed by experts in the fields. The course goal is to promote team science and encourage collaboration between scientists and physicians. Participants are invited to present their research at the poster session. The symposium provides outstanding opportunities for research career development in a friendly, constructive environment.

COURSE LEARNING OBJECTIVES

- Express the principles of basic discovery through the various phases to bedside use.
- Define the principles of basic discovery and development in the laboratory.
- Identify how to effectively communicate ideas, aims and methods in writing.
- Practice effective oral and written communication skills addressing scientific presentations, listening skills, assessing an audience, answering questions and concerns effectively, and language barriers.
- Describe the importance of networking and how to build scientific networks.
- Recognize the differences in funding opportunities, skills requirements, networks and career advancement ladders in the fields of academic, clinical and industrial research.

INTENDED AUDIENCE

Early stage or new physicians, researchers, residents, fellows, postdoctoral fellows, students, junior faculty, undergraduates and allied health professionals in the region.

CREDIT



In support of improving patient care, Mayo Clinic College of Medicine and Science is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 5.75 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

EDUCATIONAL GRANTS

This course is supported, in part, by educational grants (financial) from Mayo Fellows' Association, Mayo Research Fellows' Association, Mayo Clinic Alumni Association, Mayo Clinic School of Graduate Medical Education, Mayo Clinic Graduate School of Biomedical Science, Mayo Clinic School of Medicine, Mayo Office of Research Postdoctoral Affairs, and Mayo Center for Biomedical Discovery in accordance with ACCME Standards.

REGISTRATION

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- \$175** Physician/Scientist in active practice
- \$ 0** Mayo Clinic trainees currently in MCSOM, MCGSBS, MCSGME or MCSHS
- \$ 0** Mayo Clinic Postdoctoral Fellows
- \$140** Resident/Fellow, Postdoctoral Fellow, Medical Student, Allied Health, Undergraduate, Research Trainee
- \$ 20** Guest fee

The registration fee includes tuition, refreshment breaks, hors d'oeuvres reception on Friday evening, and breakfast, lunch and hors d'oeuvres reception on Saturday. Guest fees apply. Pre-registration is required. You will receive an email receipt immediately following your online registration. Early registration is encouraged.

For additional information contact the Mayo Clinic Alumni Center via e-mail at mayoalumni@mayo.edu or phone at 507-284-2317.

CANCELLATION POLICY

If you cancel your participation in this course, your registration fee will be refunded when written notification is received by Mayo Clinic Alumni Association at least 7 BUSINESS DAYS PRIOR TO COURSE. Send via email to mayoalumni@mayo.edu.

No refunds will be made after March 13, 2018.

Mayo Clinic Alumni Association reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo Clinic Alumni Association must cancel or postpone this course, Mayo Clinic Alumni Association will refund the registration fee, but is not responsible for any related costs, charges or expenses to participants, including fees assessed by airline/travel/lodging agencies.

LODGING ACCOMMODATIONS

Guest rooms have been reserved for attendees and their guests with special course rates at the following downtown Rochester hotel. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of **March 2, 2018**, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the "Mayo Clinic Young Investigators Research Symposium" when making your reservations.

The Kahler Inn & Suites

9 Third Avenue NW

800-533-1655 or 507-285-9200

\$119 single/double (plus applicable tax)

Lodging arrangements are the sole responsibility of the individual registrant.

PARKING

Parking is available in hotel, city, Mayo Clinic patient/visitor ramps. The cost for parking is not included in the registration fee.

ABSTRACTS

Overview

The Mayo Clinic Young Investigators Research Symposium will host a poster session featuring research presentations from attending young investigators, residents, clinical and research fellows, graduate and medical students and other trainees. All projects are welcome for abstract submission and may include, but not limited to, randomized trials, outcome studies, practice innovations, or descriptive analyses. Posters will be selected from all abstracts received by the submission deadline – **January 1, 2018**. Limit of 1000 characters and one abstract submission per first (presenting) author.

Abstract Eligibility

New abstracts, as well as abstracts that have previously been submitted or published in conference proceedings, or abstracts based upon full papers that have been published are all eligible for submission. **Please note that abstracts submitted to YIRS will not be printed nor published, hence providing the opportunity to present this abstract at another meeting.**

Poster Competition

Authors of all accepted abstracts will prepare and present a poster at the Mayo Clinic Young Investigators Research Symposium.

Deadline

Abstract submission deadline is **January 1, 2018**.

Notification of Results

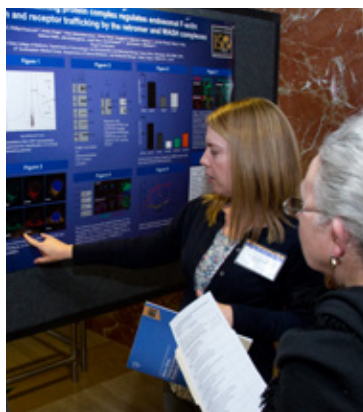
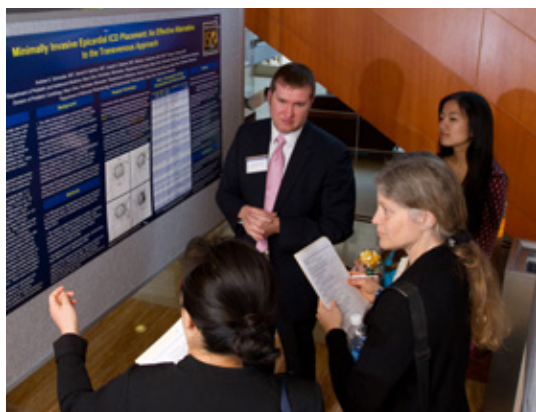
All primary authors will be notified by **February 1, 2018**, if their submission has been selected for oral or poster presentation. Details regarding presentation guidelines and poster set-up will follow.

Inquiries

Requests for further information or questions may be directed to Mayo Clinic Alumni Center via e-mail at mayoalumni@mayo.edu or phone at 507-284-2317.

Submit your abstract online by **January 1, 2018**.

CMT3.RESEARCH.MICROSOFT.COM/YIRS2018/



FACULTY

Course Directors

Peter C. Amadio, M.D.
Steven H. Rose, M.D.

Mayo Faculty

Evanthia Galanis, M.D.
Sharonne N. Hayes, M.D.
David T. Jones, M.D.
Ronald C. Petersen, M.D., Ph.D..

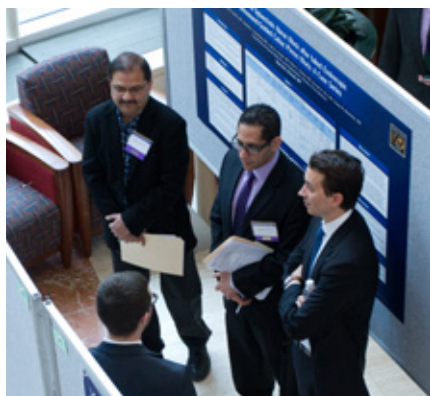
Guest Faculty

Michael Lee, Ph.D.
University of Minnesota

Noel T. Mueller, Ph.D.
*Johns Hopkins Bloomberg School of
Public Health*

Hollis G. Potter, M.D.
Hospital for Special Surgery

Dietram Scheufele, Ph.D.
University of Wisconsin-Madison

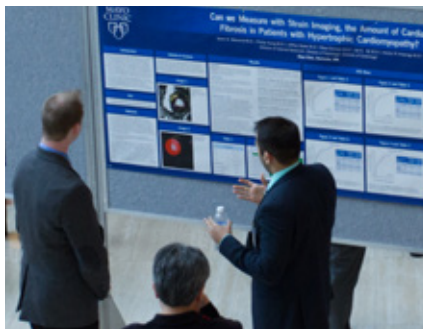


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FACULTY DISCLOSURE

As a provider accredited by ACCME, Mayo Clinic College of Medicine and Science (Mayo Clinic School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

FRIDAY, MARCH 23, 2018

All presentations in Geffen Auditorium unless indicated

4:30-6:00 PM	Registration Nathan Landow Atrium, Gonda Building, Subway Level
6:00-6:30 PM	Welcome & Introduction
6:30-7:15 PM	Elevator Talks
7:15-9:00 PM	Networking and Hors d'oeuvres Nathan Landow Atrium, Gonda Building, Subway Level

SATURDAY, MARCH 24, 2018

8:45-9:45 AM	Breakfast, Registration, and Poster Set-Up
9:45-9:50 AM	Welcome & Introduction
10:00-11:00 AM	Keynote Speaker A Circuitous Path in Neuroscience Leading to Alzheimer's Disease Ronald C. Petersen, M.D., Ph.D., Mayo Clinic
11:00 AM-12:00 PM	Research Highlights: Basic Science
11:00 AM	Title Michael Lee, Ph.D., University of Minnesota
11:30 AM	Title Evanthia Galanis, M.D., Mayo Clinic
12:00-1:00 PM	Lunch & Professional Development Marriott Hotel Ballroom, Second Floor
1:00-2:00 PM	Research Highlights: Clinical Science
1:00 PM	Quantitative MR Imaging of the Musculoskeletal System Hollis G. Potter, M.D., Hospital for Special Surgery
1:30 PM	Brain Networks are the Missing Piece to the Alzheimer's Puzzle David T. Jones, M.D., Mayo Clinic

2:00-3:00 PM	Research Highlights: Translational Science
2:00 PM	The Microbiome and Nutrition Related Metabolic Diseases: In Pursuit of Casualty Noel T. Mueller, Ph.D., Johns Hopkins Bloomberg School of Public Health
3:00 PM	Reflections from My (4) Career(s) at Mayo Clinic Sharonne N. Hayes, M.D., Mayo Clinic
3:00-3:15 PM	Break
3:15-4:15 PM	Career and Professional Development Communicating Science
3:15 PM	Title Dietram Scheufele, Ph.D., University of Wisconsin-Madison
4:15-5:00 PM	Selected Investigator Presentations (3 Speakers) Clinical, Translational, and Basic Sciences
5:15-7:15 PM	Poster Session Nathan Landow Atrium, Gonda Building, Subway Level
	5:15-6:15 PM Odds Judged 6:15-7:15 PM Evans Judged Note: Hors d'oeuvres and refreshments will be served
7:15-7:30 PM	Closing

MAYO CLINIC
200 First Street SW
Rochester, MN 55905

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