

THE UNIVERSITY OF IOWA
CARVER COLLEGE OF MEDICINE

**PRE-GRADUATE
SCHOOL CONFERENCE**
FRIDAY, OCTOBER 16, 2009



**YOUR
PATH**

to **PHD TRAINING**
in the **BIOMEDICAL
SCIENCES**

Orientation to PhD Training

Kelch Conference Room – 1289 Carver Biomedical Research Building (CBRB)

- 9:30 a.m. **Registration and Continental Breakfast**
- 9:30 a.m. **Information Tables - PhD Training Programs** (lobby area)
- 10:00 a.m. **Welcome**
Benita Wolff
Associate Dean for Diversity
- 10:10 a.m. **Unique Research Opportunities at the Carver College of Medicine**
Madeline Shea, PhD
Professor of Biochemistry
Director, FUTURE in Biomedicine Program
- 10:30 a.m. **Just What the PhD Ordered: Qualities We Seek in Applicants to our Doctoral Programs**
Gail Bishop, PhD
Professor, Microbiology
Other Affiliations: Internal Medicine, Molecular & Cellular Biology, Director, Immunology Graduate Program
- Nicholas Zavazava, MD, PhD**
Professor, Internal Medicine
Other Affiliations: Immunology
- 10:45 a.m. **Admissions Procedures from A – Z**
Robert Cornell, PhD
Associate Professor, Anatomy & Cell Biology
Other Affiliations: Genetics, Neuroscience
- 11:00 a.m. **BREAK**
- 11:15 a.m. **I Completed My PhD: What Are My Career Opportunities?**
Michael G. Anderson, PhD
Assistant Professor, Molecular Physiology & Biophysics
Other Affiliations: Genetics, Neuroscience
- Jennifer Boddicker, PhD**
Instructor, Department of Microbiology
- 11:30 a.m. **Been There, Done That: A Graduate Student Panel's Perspective on the Application and Interview Process**
Angela Arensdorf - Clarke '08, BS, Biology
Uche Maduka - UNI '06, BA, Biotechnology
Emily Petruccelli - St. Ambrose '07, BS, Biology
Levi Sowers - Univ of Iowa '08, BS, Biochemistry
Rebecca Taugher - Loras College '08, BS, Biological Research
Jessica Viner - Wartburg '08, BS, Biochemistry
- 12:00 p.m. **Lunch** – Kelch Conference Room (1289 CBRB)
- 12:40 p.m. **Escorted** to MERF for Scientific Talks

Scientific Talks

Classrooms – Medical Education & Research Facility (MERF)

12:45 -1:00 PM

Room 2126

Charles Brenner, PhD, Professor, Head, Biochemistry

Other Affiliations: Molecular & Cellular Biology

Counting Calories with NAD: New Biosynthetic Pathways for Life, Death and Aging

Room 2136

Dana Levasseur, PhD, Assistant Professor, Internal Medicine

Other Affiliations: Molecular & Cellular Biology

Molecular Cornerstones that regulate embryonic stem cell function

Room 2156

Markus Kuehn, PhD, Assistant Professor, Ophthalmology & Visual Sciences

Other Affiliations: Genetics

Neuroinflammation in Ocular Disease

1:00 – 1:15 PM

Room 2126

Stefan Strack, PhD, Associate Professor, Pharmacology

Other Affiliations: Neuroscience, Molecular & Cellular Biology

Regulation of mitochondrial fission/fusion in neuronal life and death decisions

Room 2136

John Kirby, PhD, Associate Professor, Microbiology

Other Affiliations: Genetics

Regulation of Biofilm Formation in Bacteria

Room 2156

Lori Wallrath, PhD, Professor, Biochemistry

Other Affiliations: Genetics, Molecular & Cellular Biology

Epigenetic regulation of breast cancer metastasis

1:15 – 1:30 PM

Room 2126

Tina Tootle, PhD, Assistant Professor, Anatomy & Cell Biology

Other Affiliations: Molecular & Cellular Biology

What is aspirin really doing?

Room 2136

Jonathan Heusel, MD, PhD, Assistant Professor, Pathology

Other Affiliations: Immunology

Natural Killer cells in the integrated immune response to influenza virus infection

Room 2156

Christopher Benson, MD, Associate Professor, Internal Medicine

Other Affiliations: Neuroscience

Understanding the role of cardiac sensory neurons in cardiac disease

12:45 – 1:30 p.m.

Room 2166

Admissions Committee Members Available for Q&A

David Price, PhD, Professor, Biochemistry

Other Affiliations: Molecular & Cellular Biology

Jon Houtman, PhD, Assistant Professor, Microbiology

Other Affiliations: Molecular & Cellular Biology, Immunology

Terry Braun, PhD, Associate Professor, Biomedical Engineering

Other Affiliations: Ophthalmology & Visual Sciences, Bioinformatics & Computational Biology, Genetics

Glenn Williams, MPT, ATC, CSCS, Assistant Professor, Physical Therapy and Rehabilitation Science

Scientific Talks

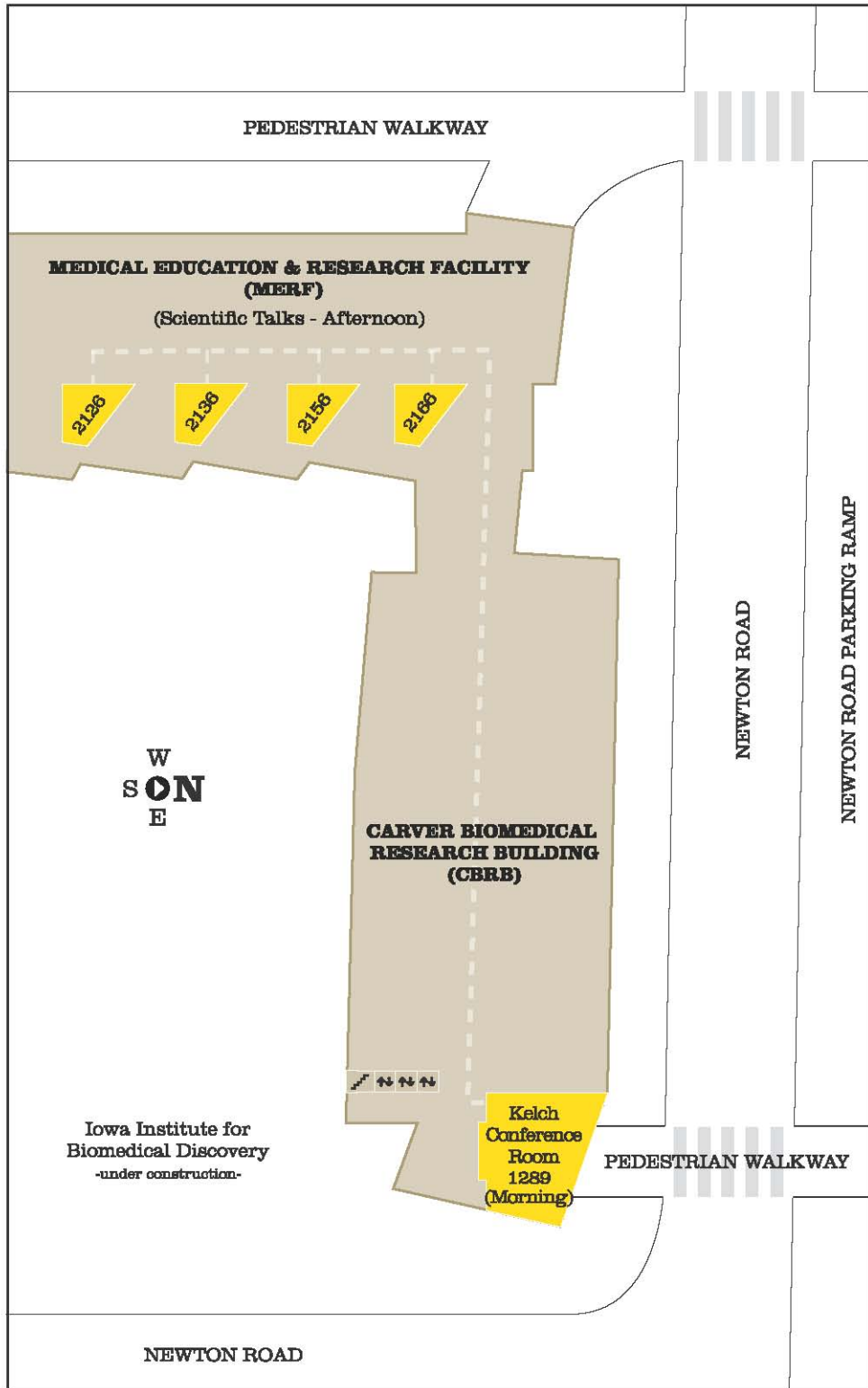
	2126 MERF	2136 MERF	2156 MERF	2166 MERF
12:45 PM	Charles Brenner, PhD Professor, Head, Biochemistry	Dana Levasseur, PhD Assistant Professor Internal Medicine	Markus Kuehn, PhD Assistant Professor Ophthalmology & Visual Sciences	Admissions Committee Members Available for Q&A
1:00 PM	Stefan Strack, PhD Associate Professor Pharmacology	John Kirby, PhD Associate Professor Microbiology	Lori Wallrath, PhD Professor Biochemistry	
1:15 PM	Tina Tootle, PhD Assistant Professor Anatomy & Cell Biology	Jonathan Heusel, MD, PhD Assistant Professor Pathology	Chris Benson, MD Associate Professor Internal Medicine	

Core Tours

Depart from lobby outside Kelch Conference Room – 1289 Carver Biomedical Research Bldg.

Escorts	Britnie Spaunhorst Immunology Trainee	Tyson Shepherd Biochemistry Trainee	Jeremiah Johnson Microbiology Trainee	Mike Feldkamp Biochemistry Trainee
	Trenton Place Molecular & Cellular Biology Trainee	Peter Scarbrough Free Radical & Radiation Biology Trainee	Courtney Galle Molecular & Cellular Biology Trainee	Cynthia Darnell Microbiology Trainee
	Group 1	Group 2	Group 3	Group 4
1:30 – 1:45	Bishop Lab 2219 MERF	Nuclear Magnetic Resonance Facility B291 CBRB Liping Yu	Central Microscopy Research Facility 85 EMRB Jonas Baltrusaitis	Protein Crystallography Facility 4-611 BSB Lokesh Gakhar
1:50 – 2:05	DNA Facility 323 EMRB Kevin Knudtson	Klingelhutz Lab 2216 MERF	Protein Crystallography Facility 4-611 BSB Lokesh Gakhar	Nuclear Magnetic Resonance Facility B291 CBRB Liping Yu
2:10 – 2:25	Flow Cytometry Facility 48 EMRB Justin Fishbaugh	Central Microscopy Research Facility 85 EMRB Jonas Baltrusaitis	Elcock Lab 4-511 BSB	G. Weiner Lab 5216 MERF
2:30 PM	<i>Return to Kelch Conference Room (1289 CBRB)</i>			

Map



Contact Information

Conference Program

Faculty Chair: Madeline Shea, PhD, Professor of Biochemistry
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