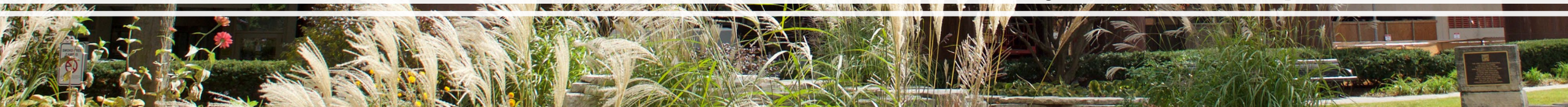




**Infectious Diseases Clinical Fellowship
at the University of Iowa Hospitals & Clinics**



Iowa ID Program Aims



To mentor trainees from diverse backgrounds to be outstanding ID clinicians, exemplary in their patient care



To train leaders of healthcare teams that optimize patient safety and healthcare quality

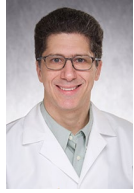


To train physician-scholars who expand medical & scientific knowledge through teaching, research and publication

Infectious Disease Faculty and APPs



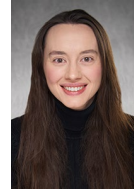
Ben Appenheimer, MD
Clinical Assoc Professor



Jason Barker, MD
Associate Professor



Karen Brust, MD
Clinical Assoc Professor



Martha Carvour, MD, PhD
Assistant Professor



Michihiko Goto, MD, MSC
Associate Professor



Prajwal Gurung, PhD
Clinical Assoc Professor



Loreen Herwaldt, MD
Professor



Jacob Hodges, MD
Clinical Asst Professor



Cassidy Chalupa, ARNP
Advanced Registered Nurse Practitioner



Dilek Ince, MD
Clinical Professor



Priya Issuree, PhD
Assistant Professor



Quanhathai Kaewpoowat, MD
Clinical Asst Professor



Louis Kirchoff, MD, MPH
Professor



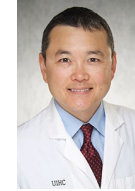
David Kusner, MD, PhD
Instructor



Daniel Livorsi, MD, MSc
Associate Professor



Thorsten Maretzky, PhD
Assistant Professor



Eiyu Matsumoto, MB
Clinical Assoc Professor



Joseph Cates, PA
Physician Assistant



Jeffery Meier, MD
Professor



Aaron Miller, PhD
Research Asst Professor



Ilonka Molano, MD, MPH
Clinical Assoc Professor



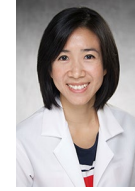
Lemuel Non, MD
Clinical Assoc Professor



Michael Ohl, MD, MSPH
Professor



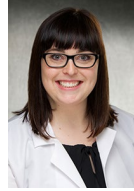
Phillip Polgreen, MD, MPH
Professor



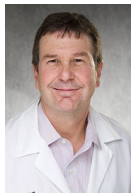
Kunatum Prasadthratsint, MD
Associate Professor



Poorani Sekar, MD
Associate Professor



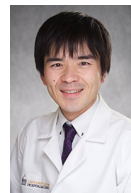
Laura Stulken, PA, MPH
Physician Assistant



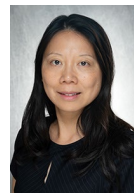
Jack Stapleton, MD
Professor



Judy Streit, MD
Professor



Hiroyuki Suzuki, MD
Clinical Asst Professor



C. Sabrina Tan, MD
Associate Professor



Joseph Tholany, MD
Clinical Asst Professor



Mary Wilson, MD
Professor



Patricia Winokur, MD
Professor



Thomas Wright, MD
Instructor

Iowa ID Fellows

2024-2026



**Alexandria
Burtness-Guard, DO**



**Yacoub
Sallam, MD**



**Sebastian
Sanchez-Lopez, MD**

2023-2025



**Renate
Gyenge, MD**



**Arya
Zandvakili, MD, PhD**



**Shinya
Hasegawa, MD**

IOWA

Carver College
of Medicine

Why Iowa?

- **Outstanding clinical training**
- **Wide referral base: Iowa's only academic medical center**
- **Flexible, personalized tracks**
- **Mentored research & scholarly opportunities**
- **Collegiality**
- **Great place: Sports, Arts, Safety, Schools**



ID Fellowship Leadership



Judy Streit, MD
Interim Division Director
Program Director



Ilonka Molano, MD
Assistant Program Director



A (Ben) Appenheimer, MD
Assistant Program Director

Internal Medicine Leadership and Commitment to Health Parity



Upinder Singh, MD
Department Chair, Internal Medicine

Internal Medicine Faculty with Roles in Diversity, Equity, Inclusion and Belonging



Jeydith Gutierrez, MD
Vice Chair for DEI
Internal Medicine



Poorani Sekar, MD
ID Division Representative
Int Medicine DEI
Committee

Carver College of Medicine's Office of Health Parity



Iowa City VA Healthcare System

- ~60-bed acute care hospital
- 10-bed ICU
- Transplant center
- Full array of subspecialty care
- Health Services Research Center (CADRE) offers advanced fellowships in QI/Research



Our Patients

- Patient Population
 - Primary and quaternary care
 - Low income and affluent patients
 - Live in cities, towns and in rural areas
 - 2500 farms, nurseries, orchards in Iowa employ migrant workers each year (Iowa Workforce Development)
 - Many foreign-borne
 - Referral area: IA, MO, IL +

Overview of Training Sequence for ID Fellows



YEAR 1:

- ~ 8 months clinical
- ~ 4 months research/other scholarly work



YEAR 2:

- ~4 months clinical
- ~ 8 months research/other scholarly work

Post-clinical fellowship opportunities



- 2-year research fellowship
- (In-house) Clinical Microbiology
- (In-house) Hospital Epidemiology



IOWA

Carver College
of Medicine

ID Fellowship Tracks



Clinician Educator*



Healthcare Services & Healthcare Quality*

Hospital Epidemiology & Infection Prevention
Antimicrobial Stewardship
Quality Improvement
Epidemiology of Infections



Physician-Investigator*

Basic science, Clinical Investigation

**see website for more info about these tracks*



Regular ID Conferences and Lectures



Weekly ID Faculty & Fellows' Research Conference
or Journal Club



Virology (HIV) Clinic Conference *Once a month on the 2nd week
Medical Micro Sessions *as needed



Weekly ID Grand Rounds
Medicine Grand Rounds



Weekly ID Core Curriculum Lecture
Medical Micro Sessions



Department Fellows' Conference (2x/month)

ID Inpatient Consult Services

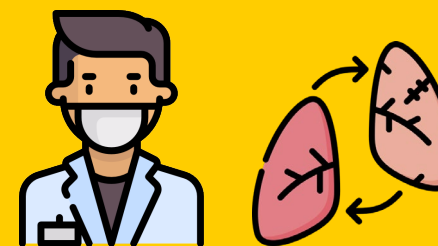
Team 1: One fellow manages team of residents, students; Pharmacy trainees



Team 4/D and VA inpatient: One fellow (apprenticeship model)

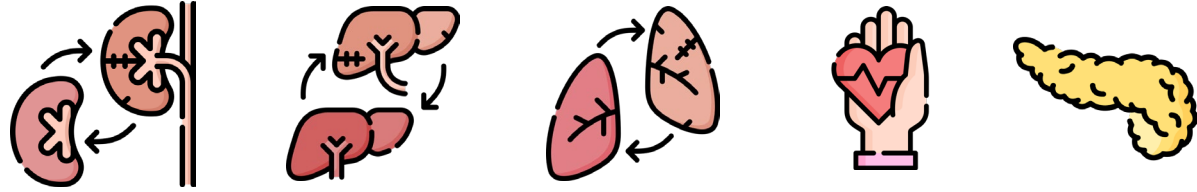


Transplant ID: One fellow (4-6 weeks/yr)



Transplant Infectious Diseases at Iowa

160-180 Solid Organ Transplants/year;
LVAD consults



24-bed ward for Acute Heme Malignancy,
HCT, CAR T-cell patients

ID Transplant team



Dilek Ince, MD

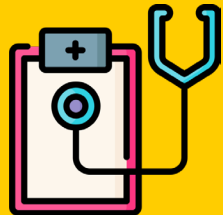


Lemuel Non, MD



Sabrina Tan, MD

Outpatient Consultations or Clinics



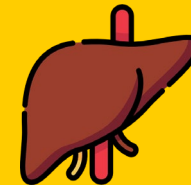
Team 2 Clinic:
General Infectious
Disease referrals & f/u



Travel Clinic



COC General ID:
Every other week



Viral Hepatitis Clinic



COC Virology Clinic (HIV):
Every other week

Training in HIV Medicine at Iowa

- Ryan White-funded Virology Clinic
- Multidisciplinary Team provides excellent patient support (LMSW, Psychiatrists, Pharmacists, Care Coordinators)
- Over 700 patients enrolled
- F2 panels of ~40 patients
- HIV didactic and online curricula



Stapleton chosen to receive inaugural award in honor of Gerald DiBona, MD

APRIL 2, 2021 BY INTERNAL MEDICINE AT IOWA



!! Additional Clinical Curricula !!



Clinical Microbiology

2-week rotation Year 1*
Plus weekly sessions



Antimicrobial Stewardship

1-week rotation Year 1*
IDSA Basic AMS Curriculum#

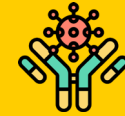


Hospital Epidemiology:

- 1-week rotation Year 1*
- SHEA Fellows' Course
- Training certificate course for Hospital Epi Track#



Ortho ID elective



Addiction Medicine elective



Pediatric ID elective



Dermatology elective



NTM Pulmonary Clinic elective



National and Regional
Clinical Meetings

- *Additional weeks upon request*
- *#Advanced Curriculum can be arranged*

Clinical Microbiology



- State-of-the-art Micro Lab on-site at UIHC
- VA Microbiology Lab on-site
- Clinical research projects available
- **Post-Clinical ID Fellow Option: ACGME-accredited Medical Micro Fellowship open to ID fellows**



Bradley Ford, MD, PhD
Clinical Associate Professor of Pathology
Director of UIHC Micro Lab



Kunatum (Jin) Prasadthratsint, MD
Clinical Microbiology Attending



Hospital Epidemiology and Stewardship Programs

Hospital Epidemiology



Karen Brust, MD



Takaaki Kobayashi, MD, MPH



Hiroyuki Suzuki, MD (VA)

Antimicrobial Stewardship Programs



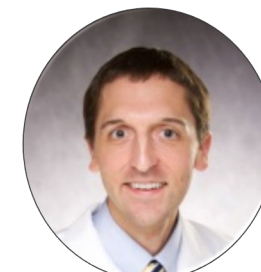
Dilek Ince, MD



**Kelly Percival,
PharmD**



**Patrick Kinn,
PharmD**



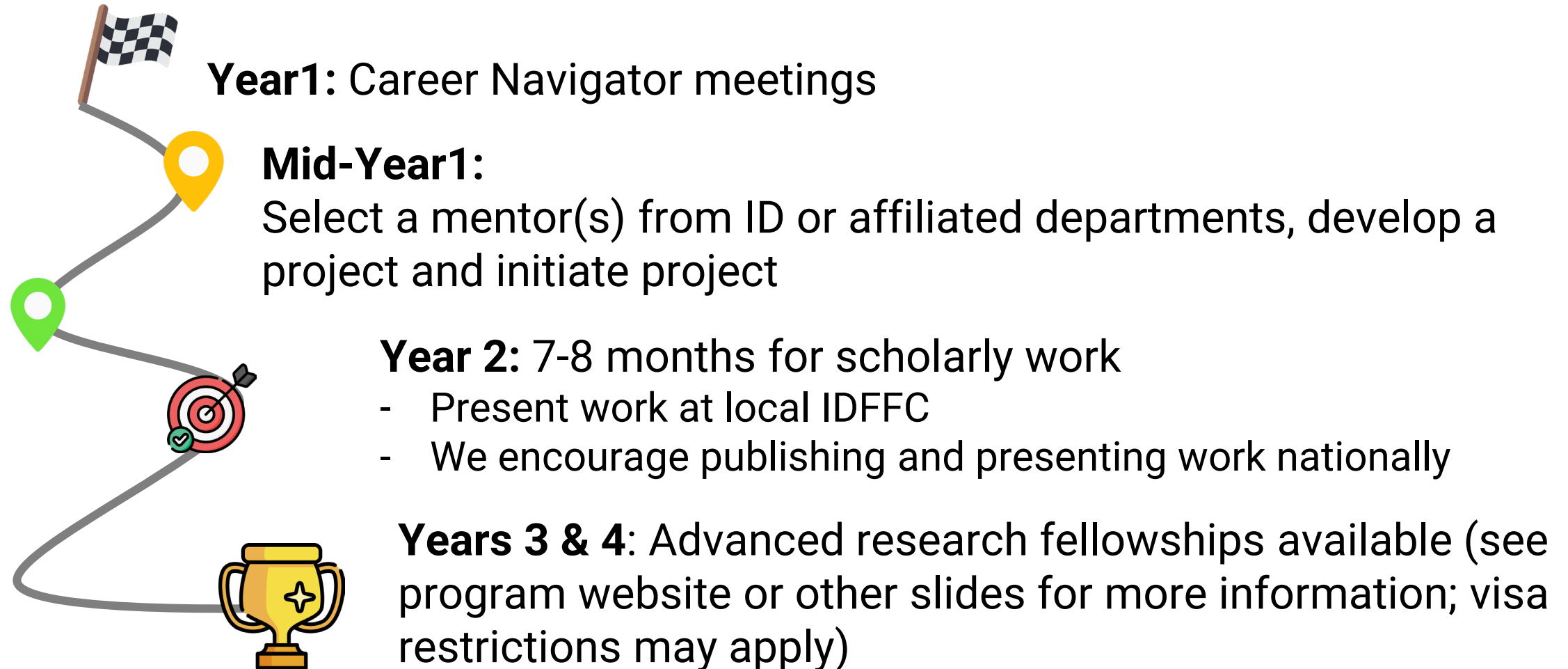
**Dan Livorsi,
MD, MSc (VA)**



**Brett Heintz,
Pharm D (VA)**

(*IDSA Fellows' AMS Curriculum)

The Scholarly Experience



Research Opportunities for ID Fellows at UIHC

Health Services Research or Healthcare Quality

- VA Quality Scholars Program
- VA Health Services Research Fellowship
(*2-year program for US Citizens)
- Antimicrobial Stewardship projects
- Projects eligible for T32 funding F3/4



Michael Ohl, MD, MSPH



Eli Perencevich, MD, MS



Michihiko Goto, MD, MSCl



Daniel J. Livorsi, MD



Hiroyuki Suzuki, MD

Epidemiology of Infection

CDC/IDSA's Emerging Infections Network*

- North American sentinel network of ID Physicians

Program of Computational Epidemiology^

- Use computational tools to model, simulate, visualize and understand the spread of disease
- Inform public and hospital policy decisions regarding disease surveillance/prevention measures and outbreak containment*



***Director, ^Co-Founder:
*Philip M. Polgreen, MD, MPH***

Hospital Epidemiology & Infection Prevention

- **CDC Epicenter Grant** in Infection Prevention and Antimicrobial Stewardship*
- **CDC grant #2** on Infection Prevention and Patient Safety*
- **IDPH Grant** for Surveillance of High-Impact Pathogens
- **UIHC Program of Hospital Epidemiology Projects** (Drs. Brust and Kobayashi)



Loreen Herwaldt, MD

*Loreen Herwaldt, PI; multiple other ID faculty involved

Healthcare for Vulnerable Populations

Innovative models of rural healthcare

- Telehealth for HIV care/Tele PrEP
- Telehealth for infections related to opioid use disorder (in co-ordination with addiction medicine/psychiatry)



Michael Ohl, MD, MSPH



Quan Kaewpoowat, MD

Assessing and promoting equity in healthcare delivery

- Research and public engagement in diabetes care
- Research and public engagement in COVID care



Martha Carvour, MD, PhD

Global Health & Parasitism

Basic research or short-term overseas projects

- *Leishmania* (biology, genetics, immunology)*
- *M. leprae* infections (epidemiology in Brazil)^

Tropical Medicine clinical experiences

- Tropical Medicine Institutes in India, Brazil^
- T32 Parasitism Grant

Certificate of Knowledge in Clinical Tropical Medicine and Travelers' Health possible

UI CCOM Global Health Program



Mary Wilson, MD*



Selma Jeronimo, MD^

Department of Microbiology and Immunology



**Carver College of Medicine (CCOM)
Impact Scholar**

It is based on the Hirsch index, the H-index, representing the number of research papers a faculty member has published. The papers' impact is determined by how many times other scientists and scholars have cited them in subsequent research articles.

Mary Wilson, MD
Professor of Internal Medicine
Professor of Microbiology and Immunology

medicine.uiowa.edu/microbiology

IOWA

Carver College
of Medicine

Iowa Inflammation Program

Interdisciplinary Basic Research

(ID, Pulmonary, Peds, Anatomy & Cell Biology)

Areas of investigation: Innate immunity, neutrophil function, host-pathogen interactions, T cell regulation

ID Faculty: Drs. Bill Nauseef, Mary Wilson, Prajwal Gurung, Thorsten Maretzky and Priya Issuree

More information can be found at

<http://www.healthcare.uiowa.edu/programs/inflammation/>

Basic and Clinical Virology Research

- Vaccine Trials Unit
- HIV Clinical Trials
- Polyomavirus studies: bench and clinical
- Molecular interactions between flavirviruses and lymphocytes
- Molecular control of CMV activation; SARS-CoV-2 evolution



Jack Stapleton, MD



Jeffery L. Meier, MD



Patricia Winokur, MD

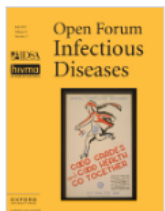


Sabrina Tan, MD



Dilek Ince, MD

Selected Fellows' Publications



Volume 9, Issue 7
July 2022

JOURNAL ARTICLE

Impact of Infectious Diseases Consultation on the Outcome of Patients With Enterococcal Bacteremia: A Systematic Literature Review and Meta-analysis



Joseph Tholany ✉, Takaaki Kobayashi, Alexandre R Marra, Marin L Schweizer, Riley J Samuelson, Hiroyuki Suzuki

Original article

The association of infectious diseases consultation and 30-day mortality rates among veterans with enterococcal bacteraemia: a propensity score-matched retrospective cohort study

Joseph Tholany^{1,2}, Hiroyuki Suzuki^{1,2} ✉, Daniel J. Livorsi^{1,2}, Eli N. Perencevich^{1,2}, Michihiko Goto^{1,2}



Volume 73, Issue 9
1 November 2021

JOURNAL ARTICLE

Coronavirus Disease 2019 Serial Testing Among Hospitalized Patients in a Midwest Tertiary Medical Center, July–September 2020 ^{FREE}

Takaaki Kobayashi ✉, Alexandra Tranel, Stephanie A Holley, Mohammed A Alsuhaibani, Oluchi J Abosi, Kyle E Jenn, Holly Meacham, Lorinda L Sheeler, William Etienne, Angelique Dains ... Show more

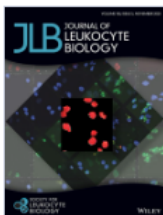
BMJ Journals

BMJ Case Reports

Case report

Prosthetic hip infection due to *Campylobacter jejuni*

Andrew Joseph Simms¹ ✉, Takaaki Kobayashi¹ ✉, Patrick V Schwartzhoff,³ Poorani Sekar^{1,2} ✉



Volume 108, Issue 5
Nov 2020

JOURNAL ARTICLE

Modulation of phagocytosis-induced cell death of human neutrophils by *Neisseria gonorrhoeae*

Christine Cho, Athmane Teghanemt, Michael A Apicella, William M Nauseef ✉

Journal of Leukocyte Biology, Volume 108, Issue 5, Nov 2020, Pages 1543–1553,
<https://doi.org/10.1002/JLB.4MA0820-649R>

Published: 25 September 2020 [Article history](#) ▼

CASE REPORT

Open Access

Pelvic and central nervous system tuberculosis complicated by a paradoxical response manifesting as a spinal tuberculoma: a case report

Arya Zandvakili^{1†} ✉, Takaaki Kobayashi^{2†}, Quanhathai Kaewpoowat², Meredith G. Parsons³, Bradley Ford³, Jason H. Barker² and Melinda Johnson¹



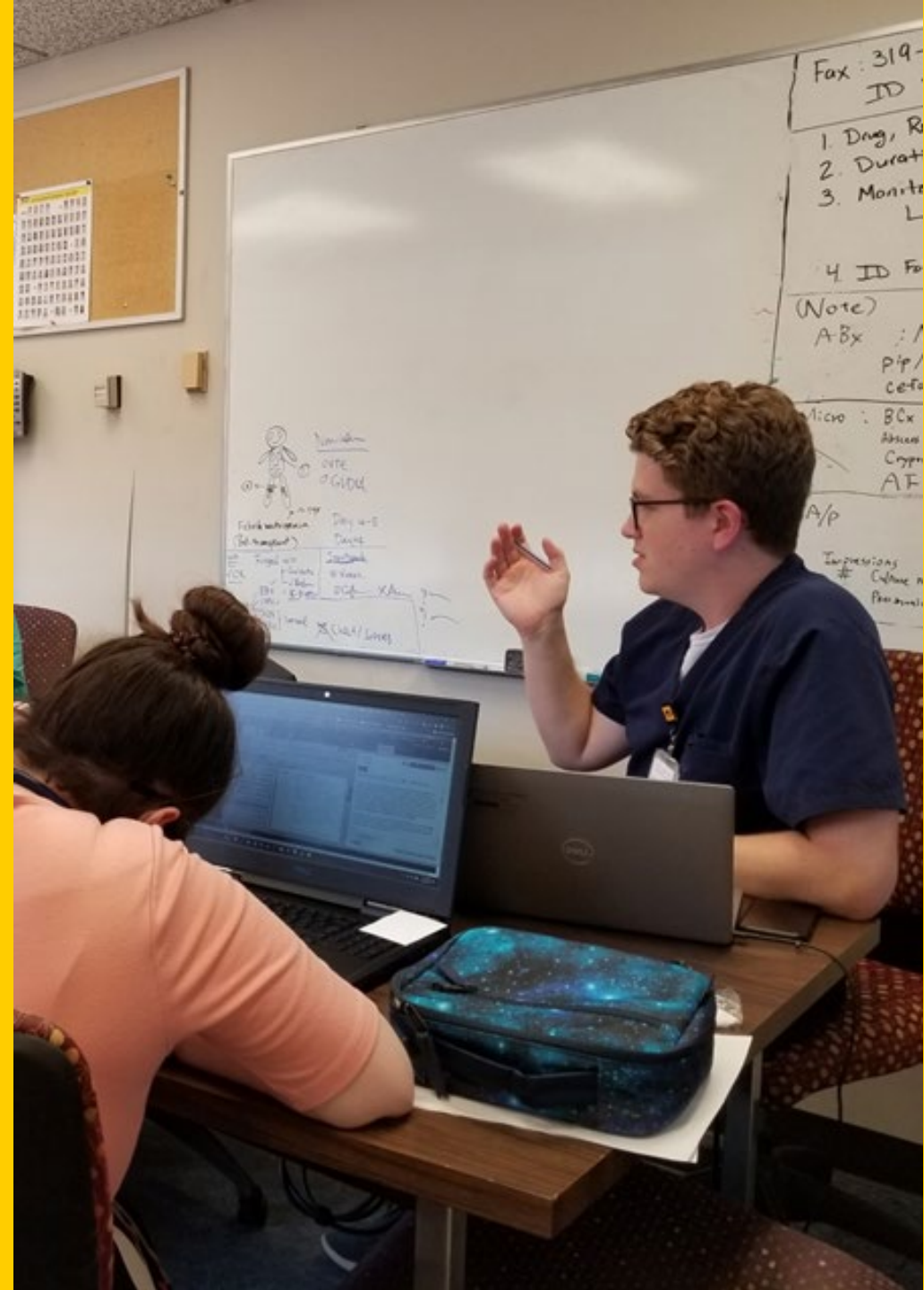
IOWA

Carver College
of Medicine

Teaching Opportunities at UI Health Care

- Team I: Int Med Residents and students
- Facilitate ID Curriculum Modules
- FACE (Fellows as Clinician-Educators)*
- Medical Student Small Groups*
- Resident noon lectures*
- Participation in Master's of Medical Education during year 2 possible if on the clinician-educator track

*if interested



CONGRATULATIONS



NEW

BOARD-CERTIFIED ID's!

(Don't mess with them)



What Paths Did Our Recent Graduates Take?

Grad Year	Name	Work Setting	Institution	Location
2014	Michihiko Goto, MD	Academic	UIHC	Iowa City, IA
2014	Rima El-Herte, MD	Academic	Creighton University	Omaha, NE
2014	Jacob Hodges	Academic	UIHC	Iowa City, IA
2015	Daniel Fulton, MD	Group Practice	Mary Greeley Med Center	Ames, IA
2015	Kunatum Prasidthrathsint, MD	Academic	UIHC, including Clin Micro	Iowa City, IA
2016	Alpheus Appenheimer, MD	Academic	UIHC	Iowa City, IA
2016	Sonya Rayan, MD	Group Practice	Group Practice	Mequon, WI
2017	Benjamin Avner, MD, PhD	Academic	Western Michigan U	Kalamazoo, MI
2017	Christine Cho, MD	Telemed ID	U of Pittsburgh	Pittsburgh, PA
2018	Jason Gass, DO	Academic	Mercy Hospital	St. Louis, MO
2019	Amrit Kaur, MD	TeleMed ID	U of Pittsburgh	
2019	Hiroyuki Suzuki, MD	Academic	UIHC & Iowa City VA Hosp Epi	Iowa City, IA
2020	Htay Phyu, MD	Group Practice	St. Joseph Regional Med Ctr	Mishawaka, IN
2020	Sammantha Kouba, DO	Academic Practice	Sanford Health	Fargo, ND
2020	Takaaki Kobayashi, MD	Academic	UIHC, Associate Hospital Epidemiologist	Iowa City, IA
2021	Fernando Casado Castillo, MD	Group Practice	ThedaCare Regional	Appleton, WI
2021	Edin Pujagic, DO	Group Practice		Pensacola, FL
2022	Matthew Smith, MD	Government/Academic	VA Health Services Research Fellow	Iowa City, IA
2022	Joseph Tholany, MD	Government/Academic	VA Quality Scholar/Research Fellow	Iowa City, IA
2023	Michael Olthoff	Group Practice	Group Practice	Denver, CO
2023	Andrew Simms	Group Practice	Methodist	Omaha, NE

Find us on Twitter!!



Edit profile

University of Iowa Infectious Diseases Division

@UIowa_ID

Official Twitter account of the Infectious Diseases Division at the University of Iowa Carver College of Medicine @iowamed, part of @uihealthcare.

Medical & Health Iowa City, IA medicine.uiowa.edu/internalmedici...





IOWA

Carver College
of Medicine

**Reasons people love
Iowa City...**



“What I like about Iowa City” from Internal Medicine residents

The feeling of community is palpable—whether you’re attending one of the many city events or festivals or simply walking around your neighborhood. It has all the necessary amenities of a bigger city w/o the traffic, crowds, or high \$ of living.

I love having close access to various outdoor activities such as biking, kayaking, hiking, etc.

Iowa City has so far felt like a great mix of the amenities and happenings of a bigger city with the peacefulness and natural beauty of a town.



Iowa City



No. 2

Most Affordable State

U.S. News & World Report, 2019



No. 2

Best Place to Practice

Medscape, 2019



No. 11

UIHC: Best Employers for Diversity-Healthcare

Forbes, 2019



No. 13

50 Happiest Cities USA Today



91%

Iowa High School Graduation Rate– Highest in the U.S.

Iowa Department of Education



University Activities



Downtown Iowa City



Arts and entertainment are thriving in Iowa City



Jack Stapleton, MD
Guitarist for
The Recliners



Iowa Arts Festival



Friday/Saturday Night
Outdoor Concert Series



LandLocked Film Festival



Iowa City Jazz Festival



Free Movie Series



Engler Theater
(national acts)

Iowa City: #10 on the “25 Safest College Campuses”

- Campus size, location; types of crime, and data availability



Iowa City: #2 “Most-Fitness Friendly Places for 2020”



Workout Facilities



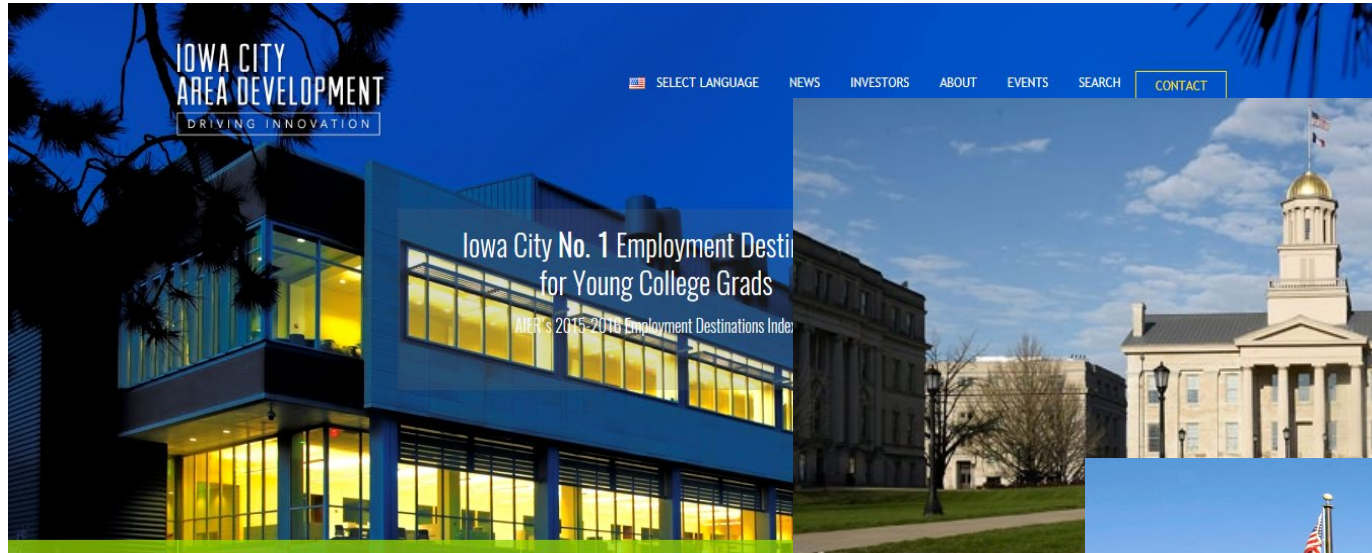
Shopping Options



THINK IOWA CITY
FOODIE FEBRUARY
FOODIEFEBRUARY.COM



Work Places for Significant Others

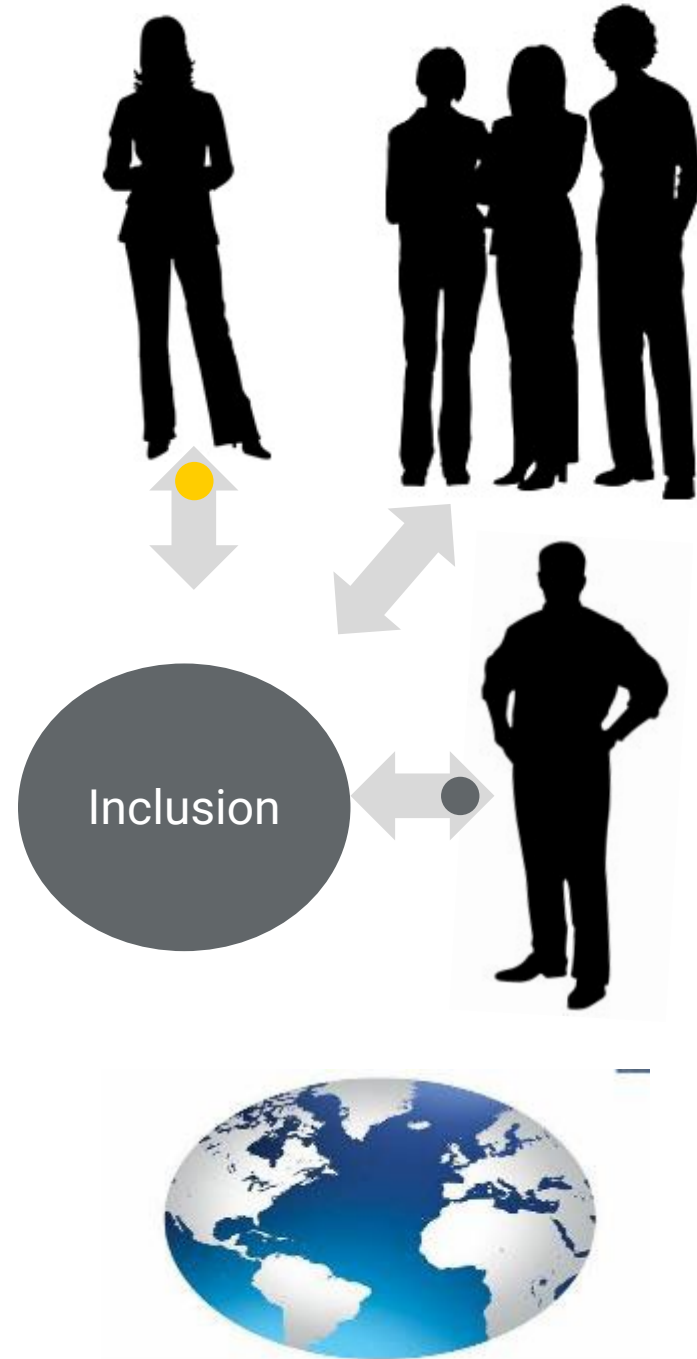


Great place to raise kids!



Iowa City offers many international programs

- Multiple interest groups dedicated to helping trainees and faculty meet with other international scholars
- Spouses program
- English proficiency program, cultural training, medical Spanish training



Diversity & Belonging at the U of Iowa

Broad array of affinity groups and activities to support and welcome all identities, backgrounds and affiliations

- African American Council and Cultural House and NEW: CCOM Black Faculty Council
- Latino/a Council and Cultural House and NEW: CCOM Latinx Council
- Asian American Council and Cultural House
- Native American Council and Cultural House
- LGBTQ Cultural House, Interest/Support groups: the Out Group and NEW CCOM LGBTQ Council
- Council on Disabilities
- Women in Medicine Group in Internal Medicine
- Diversity Action Committee: Path Forward and the DEIB Divisional Leadership group

