

## Department of Physics and Astronomy

### Committee Assignments for Academic Year 2022/23

#### **Appointments & Promotions (ECAP)**

*ECAP meets to discuss and vote on hiring decisions and promotions within the Department, as outlined by the Academic Articles and the Physics Department Organization Plan.*

Morten Eskildsen (Chair)

Daniel Bardayan

Antonio Delgado

Peter Garnavich

Boldizsar Janko

Rebecca Surman

#### **Awards (external)**

*The Awards Committee works with the Department Chair to help identify and nominate faculty members worthy of external recognition with awards such as APS and AAAS Fellowships. The Chair act as member of the committee ex officio, and participates when needed.*

Timothy Beers (Chair)

Ani Aprahamian

László Forró

Shelly Goethals

Mitchell Wayne

Michael Weischer

#### **Awards (internal)**

*The Awards Committee works with the Department Chair to select faculty and student candidates for internal Notre Dame awards. The Chair, DUS, DGS and chair of the undergraduate research committee act as members of the committee ex officio, and participate when needed.*

Grant Mathews (Chair)

Dinshaw Balsara

Shelly Goethals

John LoSecco

Graham Peaslee

Dervis Vural

#### **Colloquium**

*The Colloquium Committee works with the broader faculty to identify and bring to Notre Dame a diverse group of interesting speakers to present their research on current topics in physics. The committee typically has members from each of the major research areas in our department.*

Maxime Brodeur (Chair)

Jeffrey Chilcote

Dafei Jin

John LoSecco

Grant Mathews

Miriam Matney

Ragnar Stroberg

Yuhsin Tsai

Physics Office Coordinator

### **Computer**

*The Computer Committee addresses specific computer needs of the physics faculty and also serves to represent physics in broader, campus wide computing issues. Typically the chair of the committee serves on the College of Science Computing Committee.*

Dinshaw Balsara (Chair)

Mark Caprio

Shelly Goethals

Yi-Ting Hsu

John LoSecco

Zoltan Toroczkai

### **Demonstrations & Instructional Labs**

*The Demonstrations and Instructional Labs Committee is charged with overseeing the maintenance and upgrades of the department's instructional laboratory assets and courses (including the observatory) as well as the demonstration equipment used in physics lecture courses. The committee is expected to collaborate with the Instructional & Course Offering committee and the Undergraduate Curriculum committee as needed.*

Michael Hildreth (Chair)

Matthew Becker

Maxime Brodeur

Keith Davis

Thomas Loughran

Jenna Smith

Dervis Vural

William Zech

### **Diversity**

*The Diversity Committee will work with the chair and the University Director for Academic Diversity and Inclusion to ensure that the Physics Department is and remains a diverse environment at all levels and in which all feel welcome. The committee will help to collect data on efforts to promote diversity in the department and will make recommendations to aid those efforts.*

Rebecca Surman (Chair)

Philippe Collon

Manoel Couder

Laura Fields

Peter Garnavich

Grace Longbons

Jenna Smith

Eckhart Spalding

Petr Stepanov

### **Instructional & Course Offering**

*The Instructional Committee works to build the course schedule each year, deciding which courses should be taught and assigning course instructors. The committee is also charged with overseeing the quality of instruction taking place in the Department's survey and service courses, and working with instructors to implement proven teaching strategies. The DUS and DGS are ex officio members of the committee, and participate in all relevant discussions.*

Umesh Garg (Chair)

Kristen Amsler

Mark Caprio

Philippe Collon (DUS)

Justin Crepp

Colin Jessop

Anna Simon-Robertson (DGS)

Zoltan Toroczka

### **Ombudsperson**

*The ombudsperson provides a safe forum for the graduate students, undergraduates and junior faculty to present complaints or discuss issues. To be effective, the ombudsperson has the discretion to keep complaints anonymous (while following the Title IX reporting rules).*

Christopher Howk

### **Outreach**

*The Outreach Committee works with physics faculty, with a number of established education and outreach programs, and with local teachers and students to inform and involve the broader community with physics at Notre Dame. Committee may also contain graduate students recommended by committee chair or DGS.*

Keith Davis (Chair)

Tan Ahn

Kristen Amsler

Scott Carmichael

Kenneth Cecire

Dafei Jin

Marc Osherson

Arielle Phillips

Philip Sakimoto

Lauren Weiss

### **Research Services**

*The Research Services committee is tasked with developing and overseeing the operation of stand-alone or community research facilities within the Department, including the machine shop.*

Justin Crepp (Chair)

Xiaolong Liu

Xinyu Liu

Daniel Robertson

Michael Weischer

## **Safety**

*The Safety Committee deals with safety issues across the department, and has responsibility for working with faculty to maintain safe laboratory environments. When appropriate, the committee may be called upon to work with the Jordan Hall Safety Committee. The Department Chair attends all meetings of the Safety Committee. The chair of the committee is the department's Safety Officer.*

Ed Stech (Chair)

Jeffrey Chilcote

Colin Jessop

Xinyu Liu

Daniel Robertson

William Zech

## **Space Development & Utilization**

*The Space Development and Utilization Committee primarily focuses on the assignment of research space to members of the physics faculty. More global issues of departmental space may also be brought to the committee as needed.*

Chris Kolda (Chair)

Daniel Bardayan

Justin Crepp

László Forró

Shelly Goethals

Mitchell Wayne

Director of Graduate Admissions  
Kevin Lannon

**Graduate Admissions**

*The Graduate Admissions Committee reviews all applications to the graduate program and recommends admission of selected candidates to the department chair. In advance of this review, members of the committee are expected to meet with colleagues in their research areas in order to determine the graduate student needs throughout the department.*

Kevin Lannon (Chair)

Timothy Beers

Antonio Delgado

László Forró

Lori Fuson

Graham Peaslee

Sylwia Ptasinska

Jonathan Sapirstein

Director of Graduate Studies  
Anna Simon-Robertson

**Graduate Curriculum**

*The Graduate Curriculum Committee works with the Director of Graduate Studies to monitor and maintain the course offerings for graduate students in physics. The committee is also charged with reviewing and assessing any proposed changes to the current curriculum.*

Anna Simon-Robertson (Chair)

Mark Caprio

Lori Fuson

Sushrut Ghonge

Christopher Howk

Yuhsin Tsai

Dervis Vural

**Preliminary Exam**

*The Preliminary Exam committee is responsible for creating, administering and grading the graduate preliminary exams given periodically throughout the year.*

Adam Martin (Chair)

Tan Ahn

Boldizsar Janko

Evan Kirby

Christopher Kolda

John LoSecco

Jonathan Sapirstein

**Graduate Recruitment**

*The Graduate Recruitment Committee has two major responsibilities. The first is to advertise the graduate program in physics and encourage a large pool of qualified students to apply to the program. The second is to help convince admitted applicants to choose our graduate program. The committee plays an important role organizing the graduate recruitment weekend each spring semester.*

Sylwia Ptasinska (Chair)

Badih Assaf

Maxime Brodeur

Laura Fields

Lori Fuson

Yi-Ting Hsu

Evan Kirby

Marc Osherson

Torrey Saxton

Ragnar Stroberg

Lauren Weiss

Director of Undergraduate Studies  
Philippe Collon

**Undergraduate Curriculum**

*The Undergraduate Curriculum Committee works with the Director of Undergraduate Studies to monitor and maintain the course offerings in physics for all undergraduate students. The committee is also charged with reviewing and assessing any proposed changes to the current curriculum.*

Philippe Collon (Chair)

Ani Aprahamian

Jeffrey Chilcote

Christopher Kolda

Xiaolong Liu

Jonathan Sapirstein

**Undergraduate Advising**

*The Undergraduate Advising Committee works to ensure that the Physics majors receive strong advising throughout their four years at Notre Dame. The committee is composed of the DUS and the four class advisors.*

Philippe Collon (Chair)

Kristen Amsler

Yi-Ting Hsu (1<sup>st</sup> years)

Manoel Couder (sophomores)

Antonio Delgado (juniors)

Morten Eskildsen (seniors)

**Undergraduate Research**

*The Undergraduate Research Committee works with the faculty of the department, and with offices throughout the College and University, to provide opportunities for undergraduate research for all physics majors so inclined. It is also responsible for overseeing the senior thesis done as part of the Honors Physics track.*

Manoel Couder (Chair)

Badih Assaf

Umesh Garg

Colin Jessop

Evan Kirby

Petr Stepanov