

## **THE CELLULAR BIOLOGY GRADUATE PROGRAM BACKGROUND & INTEREST FORM**

You can fill this form electronically, save the document as a .pdf file (use your last name as part of the filename, e.g. Smith\_background.pdf), and e-mail as attachment to **Carrie Harden** ([cbgrad@uga.edu](mailto:cbgrad@uga.edu)). Please also e-mail a statement of purpose (no longer than 2 pages) and a CV as part of your application. Alternatively to e-mail, you can mail hardcopies to our office at:

### **Carrie Harden**

Graduate Admissions Counselor  
724 Biological Sciences Building  
University of Georgia  
Athens, GA 30602-2607  
USA

(Please note that in addition to this application directly to the department you will have to **apply to the UGA graduate school in parallel** by following this link: [https://www.applyweb.com/apply/ugagrad/.](https://www.applyweb.com/apply/ugagrad/))

### **Your Contact Details:**

\_\_\_\_\_

(family name, first name, middle initial)

\_\_\_\_\_

(e-mail address)

\_\_\_\_\_

(mailing address)

\_\_\_\_\_

(preferred telephone number)

### **Your Previous Education:**

\_\_\_\_\_

(undergraduate institution)

\_\_\_\_\_

(Degree/Expected Degree)

\_\_\_\_\_

(grade point average)

\_\_\_\_\_

(graduate institution)

\_\_\_\_\_

(Degree/Expected Degree)

\_\_\_\_\_

(grade point average)

\_\_\_\_\_

(GRE date)

\_\_\_\_\_

(Verbal GRE)

\_\_\_\_\_

(Quantitative GRE)

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(Writing GRE)

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(TOEFL if applicable)

### **Your Future Education & Research Interests:**

I am applying with the goal of obtaining a **PhD**  a **MS**  in Cellular Biology.

Please indicate your major research-training interest with a number indicating the rank of the chosen field or specialty (1 = highest, 5 = lowest)

**Cell Biology**

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**Molecular Parasitology**

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**Developmental Biology**

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**Immunology**

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**Neurobiology**

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Please indicate Cellular Biology faculty members you might be particularly interested to work for your thesis research (you can find detailed descriptions of programs at <https://cmshost8.franklin.uga.edu/directory>, you are welcome to check several names if you like to):

- Haini Cai.** epigenetics of cell and developmental biology; chromatin and nuclear organization in gene regulation
- Roberto Docampo.** metabolic pathways of trypanosomatids and malaria parasites
- Scott Dougan.** developmental biology; molecular control of cell fate specification and morphogenesis in the zebrafish
- Mark Farmer.** protistan evolution; cellular evolution; endosymbiosis
- Marcus Fechheimer.** cell biology and biochemistry of cellular structure and motility; molecular biology of the cytoskeleton
- Jacek Gaertig.** molecular cell biology of the cytoskeleton; molecular genetics of ciliates
- Edward Kipreos.** cellular biology; molecular genetics; regulation of cell division in the model nematode *C. elegans*
- Kimberley Klonowski.** immunology; lymphocyte migration
- James Lauderdale.** developmental neurobiology; molecular genetic mechanisms of vertebrate eye and forebrain development
- Karl Lechtreck.** cell biology of cilia; cilia-related diseases; intracellular transport

- Kojo Mensa-Wilmot.** cell signaling; protein targeting, and drug discovery in the Trypanosome
- Silvia Moreno.** biochemical studies of *Toxoplasma gondii*; identification of differences in signaling & metabolism between host and parasite cell
- Vasant Muralidharan.** molecular and cellular biology of human malaria parasite *Plasmodium falciparum*; protein transport and export pathways, metabolism, drug development
- Cordula Schulz.** tissue replenishment from stem cells; Epidermal Growth Factor Receptor; germ cell tumor, stem cell self-renewal, *Drosophila*
- Ping Shen.** neurobiology; molecular genetics; molecular and neural basis for motivation, choice-making, stress and social response in *Drosophila*
- Boris Striepen.** cell and molecular biology of apicomplexan parasites; protein targeting, metabolism, cell division, drug development
- Rick Tarleton.** immunoparasitology; immunity to *Trypanosoma cruzi* and Chagas disease; vaccine development
- Judith Willis.** hormonal control of insect metamorphosis; regulation of cuticular protein genes

### **How did you learn about our program?**

- Cellular Biology website
- UGA graduate school website
- contact with current or former graduate students
- printed materials
- faculty advisor at your university
- online search for faculty in my area of interest

### **If you have further questions about our program:**

How do I apply, what are the formal requirements, is my application complete, etc.?

E-mail **Carrie Harden, Graduate Admissions Counselor** at [cbgrad@uga.edu](mailto:cbgrad@uga.edu).

What is the structure of the program? Is this program the right program for me and my research interests? What are the potential fellowships and awards associated with admission, etc.?

E-mail **Dr. Scott Dougan, Graduate Coordinator** at [dougan@uga.edu](mailto:dougan@uga.edu).

For specific questions about research, recent work, potential future opportunities as part of a research team, etc.

E-mail **research faculty** directly at:

Haini Cai ([hcai@uga.edu](mailto:hcai@uga.edu))

Roberto Docampo ([rdocampo@uga.edu](mailto:rdocampo@uga.edu))

Scott Dougan ([dougan@uga.edu](mailto:dougan@uga.edu))

Mark Farmer ([mfarmer@uga.edu](mailto:mfarmer@uga.edu))

Marcus Fechheimer ([fechheim@uga.edu](mailto:fechheim@uga.edu))

Jacek Gaertig ([jgaertig@uga.edu](mailto:jgaertig@uga.edu))

Edward Kipreos ([ekipreos@uga.edu](mailto:ekipreos@uga.edu))

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Rick Tarleton ([tarleton@uga.edu](mailto:tarleton@uga.edu))

Judith Willis ([jhwillis@uga.edu](mailto:jhwillis@uga.edu))