Georgia Tech Academic Advisors Network

GTAAN Bi-Weekly | December 5th, 2024

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GTAAN UPDATES

Meet Your Executive Board!

President: Adrienne Hillman, CHBE

VP of Operations & Assessment: Ashlee Toomey-Flinn, OIE

VP of Communications: Sudie Davis, ISyE

VP of Engagement: VACANT

VP of Training & Development: Amanda Blocker, LMC

For more information on the Executive Board, please visit our website!

GTAAN Website

GTAAN Newsletter Submission Guidelines

In order to streamline GTAAN newsletter submissions, we are reviving the guidelines and instructions for submitting items.

- Please provide us with a PDF or image if possible.

- If no PDF or image, please keep your submission to 150 words or less.

- Provide us with website links or documents that we can link to if applicable.

- Expiration date. If no date provided, your item will run in two newsletters max.

- Please make sure you use the submission form. Do not email the GTAAN email address directly **GTAAN Submission Form**

- Have all submissions sent in by Wednesday (the day before) at 4pm

Also, please make sure you're checking your spam folders for GTAAN newsletters. We have had individuals mention that the last few newsletters have gone to their spam, so please mark our address as safe!

Please be patience with us as we learning a new newsletter creation system and trying out new things and layouts--some things might not look like they did before! We are a work in progress and we appreciate your patience!

Questions? Email Sudie Davis, VP of Communications at **gtaan@gatech.edu**.

GTAAN Submission Website

ADVISING & ADVISOR RESOURCES

Industrial Design Minor Onboarding Process

Students from across campus can complete an industrial design minor to strengthen their skills and understanding of creative problem solving as it relates to design. The ID minor provides an introduction to basic competency in sketching and visualization, an understanding of design methods and human factors, and a chance to apply this knowledge to a practical design studio problem.

Before submitting the Change of Minor form, students are required to read all the modules of the Industrial Design Minor canvas group. The reading can be done at their convenience, but on average, it takes about an hour to complete. Students can self-enroll in the Canvas course

ID Minor Canvas Page

ISyE Change of Major Process

ISyE has a process all students must follow in order to change their major, based on if they are a first-year student or a non-first year student/transfer. Steps are outlined on our change of major website. All students must

attend a change of major meeting before beginning the change of major process. Any questions? Email Sudie Davis at sudie.p.davis@isye.gatech.edu

ISyE Change of Major Meeting Dates

- January 14, 2025 11am VIRTUAL *FULL*
- February 11, 2025 11am
- March 11, 2025 11am
- April 8, 2025 11am

ISyE Change of Major Website

GTAAN MEETING AND CONNECTION DATES

All meetings are held from 11am-12pm in Clough Lounge 211 or Skiles unless otherwise stated.

- Spring Dates to be Announced Soon

UPCOMING DEADLINES & EVENTS

Career Coaching Network Train the Trainer Sessions

The Career Center is excited to offer three opportunities to participate in the Career Coaching Network Train-the-Trainer sessions this academic year. These interactive trainings are designed to equip faculty and staff with practical tools and strategies to effectively support students with common career-related questions and concerns.

· Wed, Dec. 11, 1-3:30pm, Bill Moore SSC Basement Hayes Conference Room **OR** Virtual - <u>Register HERE</u>

· Wed, Feb. 12, 1-3:30pm, Bill Moore SSC Basement Hayes Conference Room **OR** Virtual - <u>Register HERE</u>

· Tues, Mar. 18, 1-3:30pm, Bill Moore SSC Basement Hayes Conference Room **OR** Virtual - <u>Register HERE</u>

If you have any questions, please contact Laura Garcia, Director of Undergraduate Career Education at the Georgia Tech Career Center, at <u>laura.garcia@gatech.edu</u>. Thank you in advance for your consideration and for sharing this invitation with any colleagues who may be interested in participating.
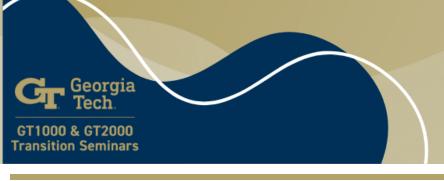
Transfer Listening Sessions

Experiential and Engaged Learning is hosting 3 listening sessions for transfer students in the coming week. These events are drop-in, so students can come and go as their schedules allow. We need your help spreading the word! Please distribute this flyer widely and contact Brian Garsh (brian.garsh@gatech.edu) if you have any questions!
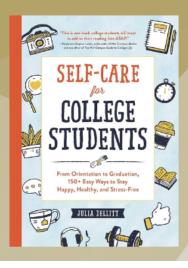
Transfer Student Listening Sessions!

Drop in to share your thoughts and experiences
about your transition to Georgia Tech:

Wednesday, December 4	10:00 AM - 12:00 PM	Clough Lounge 211
Thursday, December 5	1:00 - 2:30PM	Clough Lounge 211
Tuesday, December 10	10:00 AM - 12:00 PM	Clough Lounge 211

Snacks and book copies will be provided
to attendees while supplies last!

GT Georgia Tech.

**GT1000 & GT2000
Transition Seminars**
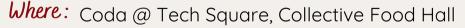
12.11.24

Join us at our annual

GTAAN

holiday gathering

Where : Coda @ Tech Square, Collective Food Hall

Time : 3:00 pm - 5:00 pm

Details : Stop by and enjoy each other's company before the holiday break! GTAAN will provide a variety of appetizers for the group.

COLLEGE & DEPARTMENTAL UPDATES

Oxford Summer Program Now Enrolling!

OXFORD SUMMER PROGRAM

The Oxford Summer Program offers students an unparalleled 12-week study abroad experience, combining academics with immersive cultural exploration.
Students gain global perspectives while earning 12 credits, making lifelong memories, and traveling across the UK and Europe.

2025 DATES

Atlanta Portion
May 19-27

Travel Portion
May 28 - June 28

Oxford Portion
June 29 - August 10

CONTACT

✉ oxford@oie.gatech.edu

🌐 oxford.gatech.edu

APPLY NOW atlas.gatech.edu

GT | Office of International Education

GT 1000 & GT 2000 Now Enrolling!

Second semester students have the opportunity to enroll in GT 1000 or GT 2000 during Phase I registration. If you advise a new first-year or transfer student who did not enroll this fall but would like to or would benefit from enrolling in the spring, please encourage them to register. First-year students may register without a permit, but transfer students should email gt2000@gatech.edu with their name and GTID number to receive a permit.

Drive Your Success

Enroll in GT 1000 or GT 2000

To learn more visit:
transitionseminars.oue.gatech.edu

GT Georgia Tech.

GT1000 & GT2000 Transition Seminars

Oxford Study Abroad Group Leader Application Now Open!

Georgia Tech's Oxford Study Abroad Program

Group Leader Application Summer 2025

About the Oxford Program:

Georgia Tech's Oxford Program takes place every summer and is composed of two sections: travel & in-residence. During the first half of the program, students journey by bus to multiple European cities. Each group consists of 55 students, 2 professors, 1 European Tour Guide and 1 GT Group Leader. Students take 2 courses during this portion of the program; they attend lectures and visit numerous sites that enhance and contribute to their courses. After spending 1 week studying in Atlanta and 5 weeks learning on the road, students complete their ID & MUSI coursework and head for Oxford, England for the second portion of the program. When the students arrive in Oxford, the duties of a group leader conclude and responsibilities for the traveling portion are over.

A Typical Day on the Road:

- 7:00 a.m. - Catch up with the group at breakfast
- 8:00 a.m. - Lead students to 1st excursion
- 10:30 a.m. - City walking tour
- 12:00 p.m. - Grab a quick lunch
- 1:30 p.m. - Meet students at museum #2
- 3:00 p.m. - Free time
- 3:15 p.m. - Not so fast - a student requires a visit to the doctor
- 7:00 p.m. - Meet students at concert
- 10:00 p.m. - Finally, you're done!
- 10:30 p.m. - Start mentally preparing for tomorrow :)

Important Dates

December 16, 2024 at 5:00PM:
- Applications due in OIE
- Webform Submissions only- No hard copies

Spring Semester 2025
- Group Leaders must be available to attend several training sessions and meetings

May 27, 2025:
- Depart for Europe with students

June 29, 2025:
- Conclude your Group Leader duties

Application Process:

1. Submit completed application form and additional materials on the https://oxford.gatech.edu/content/group-leader-application before **December 16, 2024**

⇒ NOTE: Group Leader applicants must have written confirmation to be released from home department in order to have application reviewed.

2. Panel interviews for finalists will be conducted by OIE staff members.

3. All final decisions will be made by the Program Director.

Georgia Tech's Oxford Study Abroad Program

Group Leader Application

Group Leader Responsibilities:

➢ Assist the on-site logistical expert (European Tour Guide) for the travel portion of the program:
  - Help check the group into hotels, museums, restaurants, etc.
  - Assist in coordinating transportation to excursions & cities
  - Assist professors with classroom set up and breakdown

➢ Serve as the on-site liaison between OIE & the Dean of Students

➢ Monitor and help with issues regarding student health, discipline, safety and well-being

➢ Assist faculty members

➢ Accompany students on international flights to first destination city

➢ Maintain professional conduct and uphold Georgia Tech policies & procedures at all times.

Group Leader Details:

➢ Group Leaders must be U.S. citizens employed as full-time faculty or staff at GT with exempt salary status

➢ Employee classification must be exempt & non-hourly status

➢ The following expenses are covered for travel Group Leaders:
  - Round-trip airfare
  - Housing
  - Transportation between cities
  - Entrance to all class excursions
  - Reimbursed for Institute approved per diem

➢ Group Leaders don't receive a salary from the Oxford Program. Group Leaders must have approval from their home department to be paid while gone from the office throughout the travel portion.

➢ Visitors outside the program are highly discouraged. Spouses, partners, family members, or friends' visits at any point during a portion of the program must be approved by the Program Director. The group living arrangements and the program schedule do not accommodate dependent children.

Please contact Allison Griffin, Oxford

Oxford Group Leader

December 16, 2024 LAST DAY TO

SUBMIT

A Completed Application Includes:

☐ Current Resume (submitted in webform)

☐ Personal Information & Short Essays (submitted in webform)

☐ Departmental Signature of Approval Form (submitted in webform)

***Please submit your resume, personal information & essays via the online application. **NO HARD COPIES**

Please include the following Personal Information at the top of your essays (not in paragraph form):

Title (Dr, Mr, Ms):

Name:

Title at GT:

Department:

Campus Mailing Address:

Office Phone number & Email:

Group Leader Short Essays:

Please write one paragraph to answer each of the following questions:
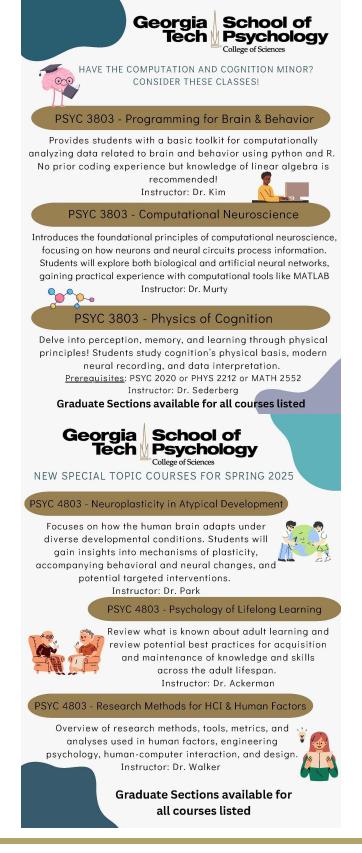
1. What characteristics do you have that would make you a good candidate for this position?

2. Have you had any experience leading or organizing events for large groups of people?

3. Please describe your experience in travel. What countries have you visited? Was the travel work-related or vacation? How long? Have you lived abroad?

4. What are some of the duties of this position that you think you might enjoy doing?

5. What are some of the duties of this position that you think you might NOT enjoy doing?

6. What is the most challenging yet rewarding obstacle you have ever overcome?

Questions? Email allison.griffin@oie.gatech.edu

School of Psychology Special Interest Courses - Spring 2025

The School of Psychology will offer several courses of special interest to students in Spring 2025. Several of these courses support our new minor programs, including the minor in the Science of Mental Health and Well-being and the minor in Computation and Cognition. Please see the attached flyer for more details, and contact us (ugadvising@psych.gatech.edu) if you have any questions.

Georgia Tech | School of Psychology
College of Sciences

HAVE THE COMPUTATION AND COGNITION MINOR?
CONSIDER THESE CLASSES!

PSYC 3803 - Programming for Brain & Behavior

Provides students with a basic toolkit for computationally analyzing data related to brain and behavior using python and R. No prior coding experience but knowledge of linear algebra is recommended!
Instructor: Dr. Kim

PSYC 3803 - Computational Neuroscience

Introduces the foundational principles of computational neuroscience, focusing on how neurons and neural circuits process information. Students will explore both biological and artificial neural networks, gaining practical experience with computational tools like MATLAB
Instructor: Dr. Murty

PSYC 3803 - Physics of Cognition

Delve into perception, memory, and learning through physical principles! Students study cognition's physical basis, modern neural recording, and data interpretation.
Prerequisites: PSYC 2020 or PHYS 2212 or MATH 2552
Instructor: Dr. Sederberg

Graduate Sections available for all courses listed

Georgia Tech | School of Psychology
College of Sciences

NEW SPECIAL TOPIC COURSES FOR SPRING 2025

PSYC 4803 - Neuroplasticity in Atypical Development

Focuses on how the human brain adapts under diverse developmental conditions. Students will gain insights into mechanisms of plasticity, accompanying behavioral and neural changes, and potential targeted interventions.
Instructor: Dr. Park

PSYC 4803 - Psychology of Lifelong Learning

Review what is known about adult learning and review potential best practices for acquisition and maintenance of knowledge and skills across the adult lifespan.
Instructor: Dr. Ackerman

PSYC 4803 - Research Methods for HCI & Human Factors

Overview of research methods, tools, metrics, and analyses used in human factors, engineering psychology, human-computer interaction, and design.
Instructor: Dr. Walker

Graduate Sections available for all courses listed

City Planning Courses Spring 2025

SCaRP offers a variety of courses that can meet Core IMPACTS, elective, and Sustainable Cities minor requirements. The multi- and inter- disciplinary nature of urban planning means we have courses on the humanities and social science side, as well as courses that are technical - data science, AI, GIS and computing, and courses that are very interdisciplinary and teach students systems thinking. Please share this flyer with your students! Email anna.traykova@design.gatech.edu with questions.

Sustainable Urban Development CP 2233 C

T/R 8:00–9:15 w/ Jairo Garcia
Overview: Introduces students to the theory and practice of sustainability as applied to the built environment at scales from the site to the megaregion.

Core IMPACTS Social Science

Intro to Urban and Regional Planning CP 4020 JG

T/R 9:30–10:45 w/ Jairo Garcia
Overview: Provides an overview of the planning of cities and metropolitan regions. The legal and historical context as well as substantive areas of urban planning are addressed.

Core IMPACTS Social Science

City and its Technology CP 4030 KO

T/R 9:30–10:45 w/ Laura Oconnell
Overview: Places urban infrastructure technology within the larger context of planning and development. The social and economic aspects of these systems are highlighted.

Core IMPACTS Humanities

City in Fiction and Film CP 4040 NG

W 8:00–10:45 w/ Laura Oconnell:
Overview: Examines images and perceptions of the urban environment as portrayed in literature and cinema. Explores the social, economic, and cultural contexts that impact on conception of the city.

Land Conservation CP 4105 C

M/W 3:30–4:45 w/ John Threadgill
Overview: Considers the distinctive American view of land and history of the conservation movement, then discusses the why and how of modern land conservation.

Intro to Geographic Information Systems CP 4510 C

M/W 9:30–10:45 w/ Anthony Giarrusso
Overview: Provides a basic understanding of the tools for collecting, storing, and analyzing spatially distributed data. Basic issues of software design and application are covered.

Spring Break Abroad

Intro to GIS CP 4510 RWA

M/W 9:30–10:45 w/ Anthony Giarrusso
Overview: This section of Intro to GIS entails a study abroad field trip to Rwanda during spring break.

Environmental GIS CP 4541 CA

M/W 9:30–10:45 w/ Clio Andris
Overview: Focuses on the application of geographic information systems (GIS) to environmental problems. It highlights the types and sources of data appropriate to those applications. CP 4510 Prerequisite.

GIS & Computing CP 4813 CA

New Course

T/R 2:00–3:15 w/ Clio Andris
Overview: This course focuses on the technical elements of geographic information systems (GIS) and it uses the open-source software QuantumGIS (QGIS).

Cities of Tomorrow CP 4813 GR

New Course

M/W 2:00–3:15 w/ Gregory Randolph
Overview: Explores the unique challenges that confront cities in the 21st century, drawing on cases and solutions from around the world.

Sustainable Development Planning in Puerto Rico CP 4813 AF1

T/R 12:30–1:45 w/ Alberto Fuentes
Overview: Political economy of sustainable development planning: Puerto Rico.

Puerto Rico Planning Studio Lecture + Studio CP 4813 AF2 & AF3

Spring Break Abroad

T/R 12:30–3:15 w/ Alberto Fuentes
Overview: Students in the Puerto Rico studio abroad register for CP 4813 AF2 (lecture) and CP 4813 AF3 (studio project) and travel to Puerto Rico during spring break.

Design of Smart Urban Systems CP 4813 PY

F 8:00–10:45 w/ Perry Yang
Overview: The course integrates data analytics, systems science and urban design. It covers theories, methods, modeling tools and case studies in the context of smart citie

Urban Data Science CP 4813 YH

New Course

M/W 11:00–12:15 w/ Yiyi He
Overview: Explores the intersection of AI and data analytics in urban environments. Builds foundation in computational skills, statistical analysis, and best data curation and coding practices. Introduces machine learning frameworks.

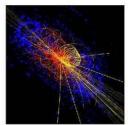# New Science and Religion Class for Spring 2025!

IAC 2002 — "Science, Engineering, and Religion: An Interfaith Dialogue"
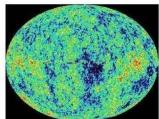
Spring Semester 2025   T/Th 5:00-6:15 pm

John D. Cressler

Regents Professor and Schlumberger Chair Professor
Ken Byers Teaching Fellow in Science and Religion, Georgia Tech
http://cressler.ece.gatech.edu/   cressler@ece.gatech.edu

Course Description

Dividing lines exist within the rigorous, truth-seeking, intellectually demanding academic setting that defines Georgia Tech. I invite you to consider two examples. 1) Walls often separate science and engineering, on the one side, from religion and spirituality, on the other side. It is commonly assumed, for instance, that serious scientists and engineers cannot, by definition, be people of faith; and vice versa. Such matters are rarely, if ever, topics of conversation in classes. 2) Walls often separate the various religious traditions and world views that are represented in Georgia Tech's exceptionally diverse student body. For example, Christians often know very little about the beliefs and practices of Muslims, Jews about Buddhists, Taoists about Sikhs, Hindus about secular humanists. Meaningful dialogue between different religious/spiritual traditions and worldviews on campus is uncommon, or perhaps only comes in response to some tragic event. Again, such matters are rarely, if ever, topics of conversation in classes. With Georgia Tech's strategic goal of graduating outstanding global citizens, it is my view that the educational experience Georgia Tech provides could be further enhanced by engaging in meaningful dialogue across the boundaries of science, engineering and religion/spirituality, particularly within the context of interfaith diversity. After all, we live in an ever-flattening global community.

This unique course is intended to help break down these barriers to meaningful dialogue in a creative way. The course will gather a small group of engaged students who are serious about their religious/spiritual lives, and yet who are also studying hard to be Georgia Tech's next cadre of world-class graduates. Together, we will explore a variety of topics related to the intersection of science, engineering, and religion. No prior background is assumed. All majors and years are welcomed. Together, will break open these topics by engaging in intimate, open and constructive dialogue. The class also includes a number of fun extracurricular events.

Prerequisites: (there are NO formal course prerequisites; open to GT UGs of ALL majors/years)
- An eagerness to engage in open and constructive discussion on a variety of controversial topics.
- An open-minded desire to learn more about other faith traditions and engage in intimate dialogue.
- A desire to better integrate your own religious/spiritual life and worldview with your chosen career.

IMPORTANT NOTE:
Interested? You <u>must</u> contact the professor and apply for a permit to register. Space is limited – act quickly.

Join Us for a Unique and Memorable Experience!

ISyE Summer Scholars Program

ISyE SUMMER SCHOLARS PROGRAM

A 10-week summer program in which talented undergraduate students conduct independent research under the direction of an ISyE faculty mentor.

APPLICATION OPENS: FEBRUARY 2025

For more information, contact:
ug-research@isye.gatech.edu

Eligibility:
- Located in the Atlanta area for Summer 2025
- Rising juniors and seniors majoring in engineering, math, science, computing, or a related field

More Details:
- 20 hours per week commitment
- $3,000 stipend
- Participants are responsible for housing, transportation, and meals

New Global Engagement Certificate

GLOBAL ENGAGEMENT CERTIFICATE

Build on international experiences to earn the certificate:

- 6 hours of credit from a **study, internship, or research opportunity abroad**
- **1 intercultural course** from:
  INTA 3050
  ML 3500
  CHIN/FREN/GRMN/JAPN/KOR/RUSS/SPAN 4500
- **1 global course** from International Plan list
- **Interested?** Scan QR code for website and to sign up for more info

GT Georgia Tech.

The new, interdisciplinary Global Engagement Certificate is open to undergraduate students from all majors earning academic credit while abroad. As part of the certificate, Dr. Vicki Birchfield will be teaching INTA 3050: The Meaning of Global Citizenship in Spring 2025. Please see the two flyers for more information about certificate requirements and INTA 3050.

INTA 3050 Information

Undergraduate Research Resources

From the Undergraduate Research Opportunities Program (UROP) UROP encourages academic advisors to subscribe to the UROP newsletter to stay up-to-date with undergraduate research information, events, and resources. We send the newsletter every other Thursday during the academic year, and we promise not to spam you! Please see the link for the newsletter sign-up.

UROP Homepage

UROP Newsletter Signup