

Institute for Materials
2021 Call for Science Advisor

Georgia Tech's Institute for Materials (IMat) is seeking diverse, interdisciplinary, research-active, mid-career faculty from the College of Sciences to apply for the position of IMat Science Advisor. The IMat Science Advisor will:

- Serve on the IMat leadership team.
- Assist IMat in identifying GT strengths and gaps in fundamental science that impact materials research.
- Work with IMat Initiative Leaders to identify and develop emerging fundamental research directions and opportunities.
- Help build inclusive and active community of interdisciplinary researchers across and beyond GT, including by attracting increased participation by GT community members who represent a diversity of research interests.
- Broadly communicate IMat's vision and activities both within and outside of GT, with a focus on the Sciences.

Materials research exists on a spectrum from fundamental science and mathematics, to engineered products and their societal impacts – all dependent on vibrant exchange of ideas between scientists, mathematicians, engineers, computer scientists, social scientists, and the business community. Fundamental science discoveries feed applied research and vice versa. Examples of fundamental research that impacts materials include collective electronic and magnetic phenomena, fundamentally describing thermal or mass transport, exploring the biophysics of living systems that may impact the development of new materials, or designing and synthesizing monomers with novel properties. It is therefore critical for fundamental science to be engaged in all of IMat's activities. The Science Advisor will serve for a term of one year with possibility of renewal. In recognition of their service, the IMat Science Advisor will receive discretionary funds.

To apply, please submit a CV and a one-page position statement to Cecelia Jones (cecelia.jones@me.gatech.edu) by 5 PM on March 22nd. The position statement should include (1) A brief description of your research background and how it overlaps with fundamental materials research. (2) A description of your experience and/or interests in leadership and community building. This should include your thoughts on how to better engage faculty in the College of Science.

IMat will hold a virtual town hall on March 9th at 11 AM via <https://primetime.bluejeans.com/a2m/live-event/qyfzskst> to describe its current vision, priorities and activities, as well as a description of the Science Advisor position. For any questions regarding these positions, you may contact Eric Vogel (eric.vogel@mse.gatech.edu).

About IMat

Materials discovery is the foundation of many new technologies and is vital to economic growth as well as to the development of solutions to 21st century challenges in energy, mobility, infrastructure, computing, communications, security, and health. As one of Georgia Tech's 11 Interdisciplinary Research Institutes (IRIs), the Institute for Materials (IMat) seeks to enable and support Georgia Tech's internationally recognized materials research and innovation ecosystem; establishing and supporting large-scale industry- and government-funded partnerships and research centers, developing opportunities for GT researchers to catalyze new teams and ideas, and establishing GT as an internationally recognized hub for core materials research facilities and infrastructure.