

Science Saturday

UT Dallas with SEM

Pathways in Science at UT Dallas

UTD - A Dynamic Past

- Created by bold visionaries and tech pioneers, UT Dallas has nurtured generations of innovators in its first 50 years.
- Our roots go back to the 1960s when the three founders of Texas Instruments — Eugene McDermott, Erik Jonsson and Cecil Green — established the Graduate Research Center of the Southwest as a source of advanced research and trained scientists to benefit the state and the nation. Our creativity and enterprising spirit has been — and will continue to be — UT Dallas' guiding light.

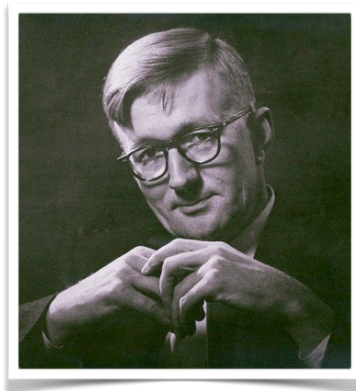


<https://youtu.be/ZCfgeO24L3s>

UTD Nobel Laureates



Physics



Polykarp Kusch



Russell Hulse



Alan MacDiarmid



Aziz Sancar



Chemistry

UTD - An exciting future

We would like for you to join us
in that journey

Pathways in Science

Presentation	Presenter	Location	Time
Introduction and overview	Matthew Goeckner		8:00-8:15
Careers in Biology	Duane Winkler		8:15-8:45
Careers in Chemistry	Gregg Dieckmann		8:45-9:15
Careers in Geosciences	Tom Brikowski		9:15-9:45
Careers in Mathematical Sciences	John Zweck and Stephen McKeown		9:45-10:15
Careers in Physics	Matthew Goeckner		10:15-10:45
Careers in Science/Math Education	Mary Urquhart		10:45-11:15
UTD admissions overview	Carla Arellano		11:15-11:45
UTD financial aid overview	Sara Metz		11:45-12:15
Review and concluding remarks	Matthew Goeckner		12:15-12:30

Important note:

- All of the slides shown today will be available online



NEED QR code here

Each program will provide:

- **Job prospects in the field – which may include**
 - US Department of Labor data
 - Example range of careers for the field
 - Example pay range for those careers
 - How one obtains a BS
 - Graduate degrees usually paid for.
 - Example JOBS IN DFW

Each program will provide:

- **Why one might wish to study at to UTD – and may include:**
 - Examples of UG students working with the various research groups
 - Examples of program specific Student clubs
 - Examples of success of graduates
 - Examples of where people go for JOBS and Graduate schools.

How YOU can actually do it:

- UTD Admissions
- UTD Financial Aid
- NSM Advising Office
 - Degree plans
 - Flow charts
- If you wish to go on past the BS - Grad school is often paid for by others!

More - How YOU can actually do it:

- **University wide support**

- Large Peer Led Team Learning (PLTL) program
 - Free (by lottery)
 - Small groups learning core science and math
 - Students in PLTL become more adept in managing learning, approaches to group study, and time.

⇒ **Students in PLTL programs have much better grades**

Those attend regularly receive on average a letter grade higher.

- <https://studentsuccess.utdallas.edu/programs/peer-led-team-learning/>

Mathematics **Chemistry**

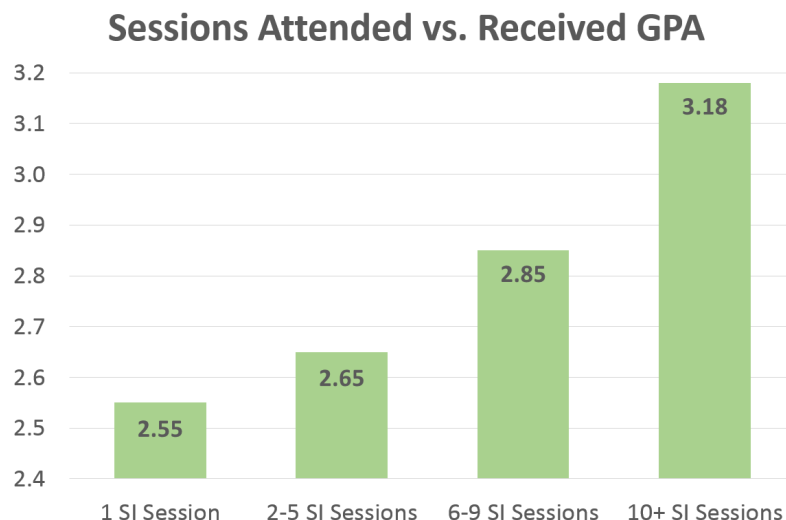
- MATH 1325 •CHEM 1311
- MATH 1326 •CHEM 1312
- MATH 2413 •CHEM 2323
- MATH 2414 •CHEM 2325
- MATH 2417

Physics

- PHYS 1301
- PHYS 1302

More - How YOU can actually do it:

- **University wide support**
 - Large Supplemental Instruction (SI) program
 - Free



- <https://studentsuccess.utdallas.edu/supplemental-instruction/>

More - How YOU can actually do it:

- Academic Success Coaching
 - <https://studentsuccess.utdallas.edu/programs/academic-success-coaching/>
- Peer Tutoring
 - <https://studentsuccess.utdallas.edu/programs/peer-tutoring/>
- Honors college
 - <https://honors.utdallas.edu>
 - <https://honors.utdallas.edu/cv/application-process>
- Student clubs and organizations on campus
 - <https://soc.utdallas.edu>

Science pathways open to you

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Questions?

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Thank you for attending!

- If you have questions – please ask
- If you would like the slides – please make use of the QR code (on next slide)

QR code

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utd.link/scienceSaturday