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

- Polykarp Kusch (Physics)
- Alan MacDiarmid (Chemistry)
- Russell Hulse
- Aziz Sancar
UTD - An exciting future

We would like for you to join us in that journey
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Important note:

• All of the slides shown today will be available online
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 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/](https://studentsuccess.utdallas.edu/programs/peer-led-team-learning/)

- **Mathematics**
  - MATH 1325
  - MATH 1326
  - MATH 2413
  - MATH 2414
  - MATH 2417

- **Physics**
  - PHYS 1301
  - PHYS 1302

- **Chemistry**
  - CHEM 1311
  - CHEM 1312
  - CHEM 2323
  - CHEM 2325
More - How **YOU** can actually do it:

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

![Sessions Attended vs. Received GPA](chart)

- [https://studentsuccess.utdallas.edu/supplemental-instruction/](https://studentsuccess.utdallas.edu/supplemental-instruction/)
More - How **YOU** can actually do it:

- Academic Success Coaching
  - [https://studentsuccess.utdallas.edu/programs/academic-success-coaching/](https://studentsuccess.utdallas.edu/programs/academic-success-coaching/)

- Peer Tutoring
  - [https://studentsuccess.utdallas.edu/programs/peer-tutoring/](https://studentsuccess.utdallas.edu/programs/peer-tutoring/)

- Honors college
  - [https://honors.utdallas.edu](https://honors.utdallas.edu)
  - [https://honors.utdallas.edu/cv/application-process](https://honors.utdallas.edu/cv/application-process)

- Student clubs and organizations on campus
  - [https://soc.utdallas.edu](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

- All of the slides shown today will be available online

utd.link/scienceSaturday