

### Panelist Contact Information:

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### Astronomy/Physics industries to explore...

- Aerospace industry
- Colleges/universities/boards of education
- Communications technology industry
- Energy development companies
- Governments
- Hospitals and medical centres
- Information technology industry
- Laboratories

- Medical imaging industry
- Scientific instrumentation manufacturing companies
- Military
- Museums/Observatories
- Petrochemical companies
- Planetariums, national/provincial parks
- Newspapers and magazines
- Research centres
- Space industry
- Weather forecasting service
- Optics, solid state, laser dynamics
- Astrobiology
- Renewable energy

### Astronomy/Physics Career search terms:

“Careers in \_\_\_\_\_”

“Most satisfying jobs/careers in Astronomy/Physics”

“Growing Astronomy/Physics fields”

“Astronomy/Physics internships in California”

“Astronomy/Physics research opportunities”

“Astronomy/Physics graduate school programs”

“Astronomy/Physics skill competencies”

“Astronomy/Physics major skills”

“Skills for Astronomy/Physics careers”

### Astronomy/Physics Career Examples:

- Accelerator Operator
- Applications Engineer
- Data Analyst
- Design Engineer
- Teacher
- Lab Technician
- Laser Engineer
- Optical Engineer
- Systems Analyst
- Technical Specialist
- Aerospace engineer
- Artificial intelligence developer

- Astronomer
- Astrophysicist
- Atmospheric scientist
- Biomedical engineer
- Biophysicist
- Chemical physicist
- Climatologist
- Condensed matter research
- Cosmologist
- Environmental physicist

### Career Search Websites:

#### Occupational Outlook Handbook:

<https://www.bls.gov/ooh/>

#### ONET.org

(tool for career exploration, job analysis, includes detailed descriptions)

#### LinkedIn.com

(Create your professional identity, build professional network, access opportunities)

#### Apply for Jobs:

Indeed.com  
SimplyHired.com  
Glassdoor.com  
Ziprecruiter.com

#### Career To-Do List:

- Search career interests (online)
- Meet with Career Counselor (SDSU career services)
- Access online career-related information (LinkedIn, ONET, Occupational Outlook Handbook)
- Explore majors/careers with your faculty advisor and professors (Success Center-GMCS 429)
- Explore graduate school options
- Get involved in an on-campus club or organization (SDSU Student Organizations)
- Volunteer for projects that interest you (Career Services)
- Obtain an internship to explore career choices and gain experience (Career Services)
- Network with professionals, including alumni, to expand opportunities

-Connect with mentors to learn about careers (Aztec Mentor Program)

-Write effective resumés and cover letters (Career Services)

-Attend a workshop/training to build academic/professional skills (SDSU Event Calendar)

-Create informational interview questions to ask working professionals: email them your questions and/or meet in person

### On-Campus SDSU Resources:

#### SDSU Career Services:

[http://career.sdsu.edu/student\\_affairs/career/](http://career.sdsu.edu/student_affairs/career/)

Offers: Internship information, Mentor connections, Resume critiques, Mock interviews, Assessment tools, Event information, Professional contacts, and more!

Phone: (619) 594-6851

Email: [careerservices@mail.sdsu.edu](mailto:careerservices@mail.sdsu.edu)

Campus Location: [Student Services East \(SSE\) 1200](#)

**Appointments:** available 9 AM - 3 PM, at least 24 hours in advance. Call or come in to schedule.

Walk-ins (15-minutes, no appointment needed):

Mon - Thu, 1 - 2:45 PM

Fri, 10 - 11:45 AM

#### Aztec Career Connection:

[http://go.sdsu.edu/student\\_affairs/career/azteccareerconnection.aspx](http://go.sdsu.edu/student_affairs/career/azteccareerconnection.aspx)

(Online access to a huge variety of jobs, assessment tools, internships, interviews, & more)

#### Internship Central:

[https://newscenter.sdsu.edu/student\\_affairs/career/internships-students.aspx](https://newscenter.sdsu.edu/student_affairs/career/internships-students.aspx)

(internship toolkit, internship searching, workshops, internship contacts)

#### Aztec Mentor Program:

<https://amp.sdsu.edu/about>

(Connects alumni & professional mentors with juniors, seniors and graduate students to support them as they move their career forward)