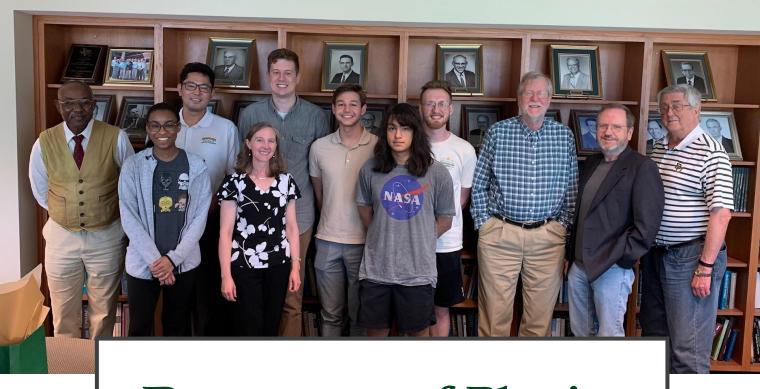
Baylor University



Department of Physics

http://www.baylor.edu/physics/

Spring 2022 Newsletter









Outstanding Physics Students

The Department of Physics honored Outstanding Students Jorge Martinez-Ortiz and Emerson Gehr at the Academic Honors Convocation April 22. Jorge and Emerson are pictured at right accompanied by Undergraduate Program Director Dr. Jeffrey Olafsen.

Sigma Pi Sigma



Shout out to Graduating Seniors

Pictured left to right

• Alexis Simmons: BS - Physics, Math

• Nolan Craft: BS - Physics, Math

• Aaron Ridinger: BS - Physics

• Weston Hall: BS – Astrophysics

• Tres Herrera: BS – Astrophysics, Math Not pictured:

Ryan Lira: BA – Physics

Andrew Contreras – BS December 2021



New members of the physics honor society Sigma Pi Sigma were inducted at a luncheon held in their honor May 5. The students enjoyed poring over the membership book dating to 1957 to find the names of professors inducted in previous years. Pictured left to right: Jorge Martinez-Ortiz, Aman Patel, Hanuel Kim, Cooper Pich, Rahul Banka, Emerson Gehr, Abbie Terrell and advisor Dr. Kenneth Park.

AWARDS



Alexis Simmons – Goldwater Scholarship – Barry M. Goldwater Scholarship and Excellence in Education Program







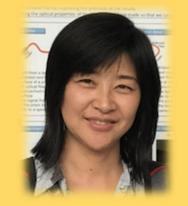
Weston Hall –Southwest Data Science Conference Undergraduate Research Award; Outstanding Platform and Poster Presentation at URSA Scholars Week

Aman Patel – URSA Research:
Outstanding Platform and Poster
Presentation at URSA Scholars Week



FACULTY ADVANCEMENT





Dr. Zhenrong Zhang promoted to Full Professor



Dr. Kenichi Hatakeyama elected to Executive Committee of TSAPS





Volunteering

Department of
Physics Habitat for
Humanity workday
(3/26), organized by
Dr. Walter Wilcox,
with physics graduate
students and SPS
members. Thanks to
Dustin Sanford,
Baylor Physics alum,
who is the new
Construction
Supervisor for Waco
Habitat.

Jeff Lee graduated in December after defending his dissertation on "Extremal Conditions in Early Universe Cosmology" under the direction of Dr. Gerald Cleaver. Congratulations, Dr. Lee!



Bryan Caraway graduated this spring with his dissertation on "Search for New Physics Using Top Quark Pairs Produced in Association with a Boosted Z or Higgs Boson in Effective Field Theory." He is shown here with research advisors Dr. Kenichi Hatakeyama and Dr. Jay Dittmann. Congratulations!



Randy Hall is retiring as the Laboratory
Manager and Lecturer in the
Department of Physics after 14 years of
service. Retirement doesn't mean he will
stop teaching however; he already has a
job lined up in the math department at
TCU. We wish you the best!



Save the date ...

we'll see you here in waco for the total solar eclipse! https://eclipse.web.baylor.edu/



This spring, the Physics Department was able to award \$19,700 in scholarships to 14 Physics & Astrophysics students for the 2022-2023 academic year. If you would like to contribute to the physics scholarship funds, please visit https://bbis.baylor.edu/give and search funds for 'physics'.