The Astronomy Genealogy Project (AstroGen) has been underway since 2013. We are creating a database of all astronomy-related doctoral dissertations. Each entry contains the name(s) of the author, awarding institution, year, title, advisor(s), other important mentors, and links to the thesis if it is online and to a page about the author's professional life (obituary if deceased). Included in the database are names, locations, and other information about universities. An important goal of this project is to enable tracing the academic lineage of all who have ever held a doctorate in an astronomy-related field, through the relation between advisor (academic parent) and doctoral student (academic child). The project is sponsored by the AAS Historical Astronomy Division (HAD). It was conceived and is led by Joseph S. Tenn. AstroGen is modeled after the Mathematics Genealogy Project (http://www.genealogy.ams.org/), directed by Mitchell Keller. The AstroGen team has had to make a series of decisions regarding the scope and contents of the database, such as what constitutes an eligible dissertation, how to handle the different degrees awarded in different countries, criteria for accepting co-advisors and mentors, dealing with universities that change their names, merge or split, and distinguishing between individuals with the same name. All information is provided in the native language and in English. Most information is obtained from online sources, though some libraries have been visited as well. As of September 2018 we have recorded about 27,000 theses, with Argentina, Australia, Canada, Chile, Denmark, Estonia, Ethiopia, Finland, Greece, Iceland, Iran, Ireland, Mauritius, Netherlands, New Zealand, Norway, Pakistan, South Africa, Spain, Sweden, the United Kingdom, and the United States fairly complete, and we have started work on France, India, and Russia. We need volunteers familiar with the languages and, if possible, the academic cultures of other nations. The emphasis is still on data collection, but the AAS, which is currently undergoing major changes in how it handles IT, has promised to assist in getting the project onto the AAS website in the not-too-distant future.
CURRENT * SESSION TYPE: History Poster Session

CURRENT * CATEGORY: 74. History

AUTHORS (FIRST NAME, LAST NAME): Joseph S. Tenn\textsuperscript{1}, Arnold H. Rots\textsuperscript{2}, Peter Broughton\textsuperscript{3}

2. CXC, CfA/SAO, Cambridge, MA, United States.
3. Retired, Toronto, ON, Canada.

Contributing Teams: (none)
The Astronomy Genealogy Project
The Astronomical Family Tree
Joseph S. Tenn, Sonoma State University; Arnold H. Rots, Center for Astrophysics; Peter Broughton

The AstroGen Project

The project, known as "AstroGen", is patterned after the highly successful Mathematics Genealogy Project (MGP).

In academic genealogy, one’s parent is one’s thesis advisor.

Since 2013, working mostly online, with a few visits to university libraries, we have compiled information about nearly 27,000 astronomy-related doctoral theses.

We expect the project to appear on the website of the AAS in 2019.

We are seeking more people to participate in this project. If you are interested, please contact the project director at astrogendirector@aas.org.

Information compiled

Name(s), years of birth and death, all doctorates earned, awarding university or other institution, year of degree, title of thesis, translation of title if not in English, advisor(s), subject if not astronomy, physics, or space science, link to thesis if online, other mentors, link to home page or obituary.

Contents as of 5 December 2018

26,776 astronomy-related theses, including 24,467 from the 22 countries named in the abstract. Of these, the advisors of 83% are known, 62% are online*, and half have been completed since 2000. Growth appears to be exponential.

* Including theses available from ProQuest

Contributors to AstroGen

Joseph S. Tenn (Director), Younes Ataiiyan, Jennifer Bartlett, Sally Bosket, Peter Broughton, Vassilis Charmandaris, Briony Cheetham, Emmanuel Davoust, Wolfgang Dick, John Gerard Doyle, Andrew Fabian, Anna Fredriksson, David J. Helfand, Mark Hum, Matthew Knight, James Lattis, Warrick Lawson, Jordan Marché, Rick McGregor, Eugene Milone, Donald C. Morton, Wayne H Osborn, Maria Pružinskaja, Ryan Quitzow-James, Katherine Rhode, Kenneth Ritley, Gordon Robertson, Arnold Rots, Patrick Seitzer, Horace Smith, Emily Stenberg, Thorslev Vilijalmsson, Michael J. Way.

Cecilia Helena Payne-Gaposchkin
(Cecilia Helena Payne*)
Ph.D.: Radcliffe College, 1925
Thesis: Stellar atmospheres: A contribution to the observational study of high temperature in the reversing layers of stars
Advisor: Harlow Shapley

Students
Frank Scott Hogg, Harvard University, 1929
Emma T R Williams Vysotsky, Radcliffe College, 1930
Florence Shirley Patterson Jones, Radcliffe College, 1941
Edith Jones Woodward, Radcliffe College, 1941
Joseph Ashbrook, Harvard University, 1948
Franklin Edward Kemery, Harvard University, 1956
Henry Joseph Smith, Harvard University, 1956
Frank Donald Drake, Harvard University, 1958
May Arif Kafan-Kassian, Radcliffe College, 1958
Paul William Hodge, Harvard University, 1960
Andrew Tipton Young, Harvard University, 1962

*Name on thesis

Sample page contents (page lay-out yet to be designed).
Links are to personal page or obituary, to online thesis, and to university page (Radcliffe links to Harvard).

A project of the Historical Astronomy Division
American Astronomical Society