

CONTROL ID: 3078585

SUBMISSION ROLE: History Submission

DATE/TIME CREATED: October 02, 2018, 06:09 PM

TITLE: AstroGen: Sixth Annual Report

ABSTRACT BODY:

Abstract (2,250 Maximum Characters): The AstroGen Team continues to compile a database of the world's astronomy-related doctoral dissertations and the institutions that have awarded the degrees. We now have approximately 27,000 theses listed. For each country we go back to the beginning of the modern Ph.D. or equivalent. More than half of the doctorates were awarded in 2000 or later. For each thesis we try to include the author (with links to a website or obituary), awarding institution, year of degree, thesis title, link to the thesis if online (nearly two-thirds are), translation of title if necessary, advisor(s), and other mentors. For universities and other doctorate-awarding institutions, we include names (both at time of degree and today), dates, and locations.

Posting the database on the AAS website has been delayed by major changes in the AAS handling of IT, but we are hopeful that it will appear within the next year. I will present some summaries of our results to date and conduct a discussion of how we can expand our database. We have people currently working on France and Russia, but we need volunteers with linguistic ability and, preferably, familiarity with the academic cultures to take on Germany, Italy, and nearly all the countries of Asia.

PRESENTATION TYPE: History

CURRENT * SESSION TYPE: History Oral Session

CURRENT * CATEGORY: 74. History

AUTHORS (FIRST NAME, LAST NAME): Joseph S. Tenn¹

INSTITUTIONS (ALL): 1. Physics & Astronomy, Sonoma State University, Rohnert Park, CA, United States.

Contributing Teams: (none)

AstroGen

Sixth Annual Progress Report

Joseph S. Tenn
Sonoma State University

HAD, AAS
7 January 2019

What is AstroGen?

It is a database of astronomy-related doctoral theses with information about the theses, their authors, and the universities that have awarded them.

More: Poster 159.01 today 5:30-6:30

What have we accomplished?

We have information about 27,000 theses in our database, which is currently in Excel.

We have fairly complete coverage of 22 countries.

Did we make progress last year?

In what we do, yes.

In what the programmers do, not so much.

What can you do with our data?

With just a little bit of work:

Which universities produce the most astronomy doctorates?

Which advisors produce the most?

How have these rankings changed over time?

How has interest in celestial mechanics, astrometry, gravitational radiation, planets, ... changed over time?

and, of course,

Who are the academic ancestors and descendants of person X?

For a sample family tree, see [Poster 159.01](#) today 5:30-6:30.

With more work:

What fraction of Ph.D.'s from University X or Country Y are still in astronomy 10 years after graduation?

What fraction of grads of University X or Country Y produce academic descendants?

What do most astronomy Ph.D. graduates do?



We Want
YOU!

Join Our Team

Do you have access to a university library (in person or online)?

Can you translate from Latin or other language?

Are you familiar with the language and academic practices of another country?

None of the above?

You can help build AstroGen.

astrogendirector@aas.org

The AstroGen Team

Major contributors

Younes Ataiyan, Jennifer Bartlett, Peter Broughton, Vassilis Charmandaris, Matthew Knight, James Lattis, Jordan Marché, Maria Pruzhinskaya, Kenneth Ritley, Gordon Robertson, Arnold Rots, Horace Smith, Emily Sternberg, William J. Tango, Joseph S. Tenn, Michael J. Way.

Other contributors

Sally Bosken, Briony Cheetham, Emmanuel Davoust, John Doyle, Joaquin E. Drut, Andrew Fabian, Anna Fredriksson, David Helfand, Mark Hurn, Richard Jarrell (1946-2013), Warrick Lawson, Rick McGregor, Eugene Milone, Donald C. Morton, Wayne H. Osborn, Ryan Quitzow-James, Katherine Rhode, Gordon Robertson, Patrick Seitzer, Thorsteinn Vilhjalmsson .