

Telescope Time	A SURVEY OF NEARBY NUCLEAR STAR CLUSTERS Gemini North, 35 hours, PI, using the NIFS instrument with adaptive optics. MMT, 1 night, PI, using the Blue Channel spectrograph. VLT, 31.5 hours, co-I, using SINFONI, XSHOOTER and NACO.	2008B,2009A,2009B
	TESTING AGB MODELS IN M33 MMT, 1 night, PI, using MMIRS near-infrared imaging.	2009C
	PROPER MOTIONS OF SGR STREAM MEMBERS USING SDSS AND MEGACAM MMT, 2.5 nights, PI, using Megacam.	2009A
	THE COINCIDENCE OF NUCLEAR STAR CLUSTERS AND AGN Magellan, 5 nights, PI, using LDSS3.	2008A&B
	TRACING THE HISTORY OF SPIRAL GALAXIES WITH GLOBULAR CLUSTERS Magellan & MMT, 2.5 nights, PI, using IMACS and Hectospec.	2007B
	NATURE VS. NURTURE IN THE FORMATION OF THE LOWEST MASS GALAXIES MMT, 5 nights, CoI, using Megacam.	2007A & B
	THE FORMATION HISTORY OF NGC 4244'S NUCLEAR STAR CLUSTER Gemini North, 10 hours, PI, using the NIFS instrument with adaptive optics.	2007A
	ACS NEARBY GALAXY SURVEY TREASURY (ANGST) PROJECT HST Cycle 15, Treasury program, 295 orbits awarded, Co-I, made significant contributions to the development, writing and execution of the proposal and to the ongoing analysis of the data.	2006
	THE NATURE OF THE HALOS AND THICK DISKS OF SPIRAL GALAXIES (GHOSTS) HST Cycle 15, Large program, 128 orbits awarded, Co-I	2006
	THE HALO SHAPE AND METALLICITY OF MASSIVE SPIRAL GALAXIES	2005
Teaching Experience	NASA CENTER FOR ASTRONOMY EDUCATION WORKSHOP	2005
	INSTRUCTOR, U. WASHINGTON Instructor for 50 person night-time introductory astronomy class.	2003
	TEACHING ASSISTANT, U. WASHINGTON Led discussion sections for introductory astronomy and introductory solar system classes.	5 courses, 2000 – 2005
Research Tools	Optical/NIR Imaging & Spectroscopy (<i>HST/ACS & WFPC2, Magellan, MMT, Gemini</i>) Radio Synthesis Imaging (<i>VLA, VLBA, GMRT</i>) N-body Simulations (<i>PKDGRAV/GASOLINE</i>) X-ray Spectroscopy (<i>Chandra/ACIS</i>) Survey Data Extraction (<i>SDSS, 2MASS</i>) Computer Tools (<i>IDL, IRAF, AIPS, Perl, LINUX/MacOSX</i>)	
Recent Talks	Invited Seminar, European Southern Observatory, Garching, Oct. 2009 Contributed Talk, Hunting for the Dark: The Hidden Side of Galaxy Formation, Oct. 2009 Colloquium, University of Washington, Oct. 2009 Invited Talk, Adaptive Optics Session, 214th AAS, Jun. 2009 Contributed Talk, Intermediate-Mass Black Holes meeting, Apr. 2009 Lunch Talk, Harvard-Smithsonian CfA, Mar. 2009 Invited Seminar, Oxford, Feb. 2009 Invited Seminar, U. Central Lancashire, Feb. 2009 Invited Talk, Central Mass Concentrations in Galaxy Nuclei, July 2008 Invited Talk, Dartmouth, Apr. 2008 Contributed Talk, Nuclear Star Clusters Across the Hubble Sequence meeting, Feb. 2008	

Students Advised	DAVE COOK	Sep. 2008 – Present
	U. Minnesota Undergraduate (Senior Project), U. Wyoming Graduate Student	
	DUANE LEE	Feb. 2007 – Sep. 2008
	Columbia University Graduate Student (2nd Year Project)	
Service	SCIENTIFIC ORGANIZING COMMITTEE, CENTRAL MASSIVE OBJECTS: THE STELLAR NUCLEI - BLACK HOLE CONNECTION	Jun. 2010
	MEMBER OF AAS COMMITTEE ON EMPLOYMENT	Jun. 2007 – Present
	Many duties including primary author of decadal survey white paper on employment	
	REFeree, APJ	2009 – Present
	ASSISTANT TO THE EDITOR, ASTRONOMICAL JOURNAL	2001-2002
Outreach	PUBLIC OUTREACH EVENT, MALTA UNIVERSITY	Oct. 2009
	SPEAKER AT NERDNITE (public talk at a bar)	Oct. 2009
	CFA PUBLIC OBSERVATORY NIGHT PUBLIC TALK	Mar. 2007
	PUBLIC OUTREACH, PLANETARIUM SHOWS	2001 – 2006
	Conducted numerous planetarium shows for K-12 students.	
PUBLIC LECTURE, CREATIVE RETIREMENT INSTITUTE	2005	
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- Refereed Publications** THE NGC 404 NUCLEUS: STAR CLUSTER AND POSSIBLE INTERMEDIATE MASS BLACK HOLE
Seth, A., Cappellari, M., Caldwell, N., [8 authors], *in prep*
- THE STAR FORMATION HISTORY AND EXTENDED STRUCTURE OF THE HERCULES MILKY WAY SATELLITE
Sand, D., [3 authors], Seth, A., [3 authors], 2009, *ApJ* 704 898.
- THE ACS NEARBY GALAXY SURVEY TREASURY
Dalcanton, J., Williams, B., Seth, A., [25 authors], 2009 *ApJS* 183 67.
- THE ACS NEARBY GALAXY SURVEY TREASURY II., YOUNG STARS AND THEIR RELATION TO $H\alpha$ AND UV EMISSION TIMESCALES IN THE M81 OUTER DISK
Gogarten, S., Williams, B., Dalcanton, J., Seth, A., [10 authors], 2009 *ApJ* 691 115.
- THE ACS NEARBY GALAXY SURVEY TREASURY I., THE STAR FORMATION HISTORY OF M81 OUTER DISK
Williams, B., Dalcanton, J., Seth, A., [16 authors], 2009 *AJ* 137 419.
- BOÖTES II REBOÖTED: AN MMT/MEGACAM STUDY OF AN ULTRAFAINTE MILKY WAY SATELLITE
Walsh, S., [3 authors], Seth, A., [2 authors], 2008, *ApJ*, 688, 245.
- THE ROTATING NUCLEAR STAR CLUSTER IN NGC 4244
Seth, A., Blum, R., [4 authors], 2008, *ApJ*, 687, 997.
- RADIO CONTINUUM OBSERVATIONS OF THE CANDIDATE SMBH IN DWARF ELLIPTICAL VCC 128
Buyle, p., [4 authors], Seth, A., [1 author], 2008 *ApJ*, 685 915.
- REVISED BOLOMETRIC CORRECTIONS AND INTERSTELLAR EXTINCTION COEFFICIENTS FOR THE ACS AND WFPC2 PHOTOMETRIC SYSTEMS
Girardi, L., [8 authors], Seth, A., [2 authors], 2008 *PASP*, 120 583.
- THE COINCIDENCE OF NUCLEAR STAR CLUSTERS AND ACTIVE GALACTIC NUCLEI
Seth, A., Agueros, M., Lee, D., Basu-Zych, A., 2008 *ApJ*, 678, 116.
- STELLAR SEDS FROM 0.3-2.5 MICRONS: TRACING THE STELLAR LOCUS AND SEARCHING FOR COLOR OUTLIERS IN SDSS AND 2MASS
Covey, K., [9 authors], Seth, A., [7 authors], 2007 *AJ*, 134, 2398.
- ANTITRUNCATED STELLAR DISKS VIA MINOR MERGERS
Younger, J., Cox, T., Seth, A., Hernquist, L., 2007 *ApJ*, 670, 269.
- STELLAR POPULATIONS ACROSS THE NGC 4244 TRUNCATED GALACTIC DISK
de Jong, R., Seth, A., Radburn-Smith, D., [12 authors], 2007 *ApJL*, 667, 49.
- STAR FORMATION AND FEEDBACK IN SMOOTHED PARTICLE HYDRODYNAMIC SIMULATIONS
Stinson, G., Seth, A., Quinn, T., [5 Authors], 2006 *MNRAS*, 373, 1074.
- CLUES TO NUCLEAR STAR CLUSTER FORMATION FROM EDGE-ON SPIRALS
Seth, A., Dalcanton, J., Hodge, P., Debattista, V., 2006 *AJ*, 132, 2539.
- THE BINARY NUCLEUS IN VCC 128: A CANDIDATE SUPERMASSIVE BLACK HOLE IN A DWARF ELLIPTICAL GALAXY
Debattista, V., Ferreras, I., Pasquali, A., Seth, A., [2 authors], 2006 *ApJL*, 651, 97.
- SDSSJ103913.70+533029.7: A SUPER STAR CLUSTER IN THE OUTSKIRTS OF A GALAXY MERGER
Knapp, G., [12 Authors], Seth, A., [18 Authors], 2006 *AJ*, 131, 859.

A STUDY OF EDGE-ON GALAXIES WITH HST/ACS. II. VERTICAL DISTRIBUTION OF THE RESOLVED STELLAR POPULATION

Seth, A., Dalcanton, J., de Jong, S., 2005 *AJ*, 130, 1574.

THE ULTRAVIOLET, OPTICAL, AND INFRARED PROPERTIES OF SLOAN DIGITAL SKY SURVEY SOURCES DETECTED BY GALEX

Agueros, M., [18 Authors], **Seth, A.**, 2005 *AJ*, 130, 1022.

A STUDY OF EDGE-ON GALAXIES WITH HST/ACS. I. INITIAL RESULTS

Seth, A., Dalcanton, J., de Jong, S., 2005 *AJ*, 129, 1331.

STAR CLUSTERS IN VIRGO AND FORNAX DWARF IRREGULAR GALAXIES

Seth, A., Olsen, K., Miller, B., Lotz, J., Telford, R., 2004 *AJ*, 127, 798.

WATER MASERS AS TRACERS OF PROTOSTELLAR DISKS AND OUTFLOWS IN THE INTERMEDIATE-MASS STAR-FORMING REGION NGC 2071

Seth, A., Greenhill, L., Holder, B., 2002 *ApJ*, 581, 325.

CHANDRA SPECTRA OF THE PROTOTYPE DWARF NOVA U GEMINORUM AT QUIESCENCE

Szkody, P., Nishikida, K., Raymond, J., **Seth, A.**, [3 Authors], 2002, *ApJ*, 574, 942.

THE BEHLEN OBSERVATORY VARIABLE STAR SURVEY.IV.

Schmidt, E., **Seth, A.**, 1996, *AJ*, 112, 2769.

**Non-
Refereed
Publications**

PROBING THE FORMATION OF NUCLEAR STAR CLUSTERS

Seth, A., *GeminiFocus*, Dec. 2008.

CONTRIBUTED TALK: RESOLVING THE OUTER DISKS AND HALOS OF NEARBY GALAXIES

Seth, A., de Jong, R., the GHOSTS team, *Galaxies in the Local Volume, Sydney, Australia, July 8-13, 2007* [astro-ph/0710.2133].

CONTRIBUTED TALK: GHOSTS: THE RESOLVED STELLAR OUTSKIRTS OF MASSIVE DISK GALAXIES

de Jong, R., **Seth, A.**, the GHOSTS team, *Stellar Populations as Building Blocks of Galaxies, La Palma, Spain, Dec. 10-16, 2006*, [astro-ph/0702168].

POSTER: DETECTION OF A STELLAR HALO IN NGC 4244

Seth, A., de Jong, R., the GHOSTS team, *Stellar Populations as Building Blocks of Galaxies, La Palma, Spain, Dec. 10-16, 2006*, [astro-ph/0701704].

CONTRIBUTED TALK: NUCLEAR STAR CLUSTERS IN EDGE-ON GALAXIES

Seth, A., Dalcanton, J., Hodge, P., Debattista, V., *Globlar Clusters: Guide to Galaxies, Concepcion, Chile, Mar. 6-10, 2006*, [astro-ph/0606066].

REVIEW TALK: EXTRAGALACTIC THICK DISKS: IMPLICATIONS FOR EARLY GALAXY EVOLUTION

Dalcanton, J., **Seth, A.**, Yoachim, P., *Island Universes: Structure and Evolution of Disk Galaxies, Terschelling, the Netherlands, Jul. 3-8, 2005* [astro-ph/0509700].

CONTRIBUTED TALK: THE VERTICAL STRUCTURE OF STARS IN EDGE-ON GALAXIES

Seth, A., Dalcanton, J., de Jong, R., *Resolved Stellar Populations meeting, Cancun, Apr. 18-22, 2005* [astro-ph/0506429].