

ANIL C. SETH

Curriculum Vitae & Publication List

Updated March 1, 2022

Office Address

Dept. of Physics & Astronomy
 University of Utah
 201 James Fletcher Building
 115 South, 1400 East
 Salt Lake City, UT 84112-0830

Contact Information

Phone: (801) 585-7793
 Fax: (801) 581-4801
 E-mail: aseth@astro.utah.edu
 Web: <http://www.physics.utah.edu/~aseth>

Education UNIVERSITY OF WASHINGTON June 2006
 Ph.D. in Astronomy
 Thesis Title: “The Formation and Evolution of Late-Type Galaxies”
 Thesis Advisors: Paul Hodge & Julianne Dalcanton

UNIVERSITY OF WASHINGTON Dec. 2001
 M.S. in Astronomy

WESLEYAN UNIVERSITY May 1998
 B.A. in Physics, Astronomy & Music, with honors in Astronomy

Professional Experience ASSOCIATE PROFESSOR, PHYSICS & ASTRONOMY, UNIVERSITY OF UTAH 2017 – Present

ASSISTANT PROFESSOR, PHYSICS & ASTRONOMY, UNIVERSITY OF UTAH 2011 – 2017

LEAVE REPLACEMENT PROFESSOR, WELLESLEY COLLEGE 2010 – 2011
 Part-time position to design and teach two courses.

CFA & OIR POSTDOCTORAL FELLOWSHIPS, HARVARD-SMITHSONIAN CENTER FOR ASTROPHYSICS 2006 – 2011
 Worked independently on topics including nuclear star clusters and resolved stellar populations.

Group **Postdocs Advised:** Mark den Brok (2012–2015), Karina Voggel (2016–2019)

Graduate Students Advised: David Ohlson (2022–), Callie Clontz (2022–), Christian Hannah (2020–), Ben Gibson (2020–), Aishwarya Ashok (Utah, 2018–), Antoine Dumont (Utah, 2017–), Renuka Pechetti (Utah, 2015–2020), Chris Ahn (Utah, 2014–2018), Dieu Nguyen (Utah, 2012–2018), Cliff Johnson (U. Washington, 2010–2015, primary advisor for thesis project, Ph.D. finished Aug. 2015), Claire Dorman (UCSC, 2012–2015, thesis committee member) Anja Feldmeier (ESO–Garching, 2012–2015), Dan Carson (UCIrvine, 2013–2016), David Cook (Wyoming, 2008–2015, thesis committee member), Markus Hartmann (UCLancashire, 2008–2011)

Undergraduate and Post-Bac Students Advised: Ethan Lame (2021), Aasutosh Acharya (2021), David Ohlson (2020–2021), Addie Wilkerson (ACCESS, 2020), Estephani TorresVillanueva (2019–2021), Tobin Wainer (2019–2021), Olivia Cooper (REU, 2018), Lexie Wilson (Honors Thesis, 2017), Candace Bryn (ACCESS, 2017), Timothy Bell (REU, 2016–2017), Julie Tang (ACCESS, 2016), Ellie Penner (ACCESS, 2015–2016), Jordan Bulkeley (2014–2017), Gina Eastes (ACCESS, 2015), Alex Deich (2014–2015), Dylan Gregersen (2013–2015), Chris DiLullo (REU, 2014), Brian Kimmig (2012–2014), Matt Wallace (2013–2014), Katharine Larsen (Wellesley/Utah, 2011–2013), Nell Byler (Wellesley, 2011)

Grants & Awards in Utah	JAMES WEBB SPACE TELESCOPE CYCLE 1 GUEST OBSERVER PROGRAM <i>Revealing Low Luminosity Active Galactic Nuclei (ReveaLLAGN)</i> , PI, \$244,548.	2022–2025
	NSF AST AAG GRANT <i>Counting the Unseen: Massive Black Hole Demographics from Tidal Disruption Events</i> , PI, \$299,637.	2021–2024
	PRESIDENTIAL SCHOLAR, UNIVERSITY OF UTAH <i>Honors extraordinary research and academic efforts of early to mid-career faculty</i> , \$30,000.	2019–2021
	NSF AST AAG GRANT <i>A Pioneering Test of Stellar Population Complexity Outside the Milky Way</i> , co-PI, \$276,562.	2019–2022
	NSF AST AAG GRANT <i>Collaborative Research: Exploring the Dark Side of NGC 5128</i> , co-PI, \$191,991	2018–2021
	NASA WFIRST SCIENCE INVESTIGATION TEAM <i>WFIRST Infrared Nearby Galaxies Survey</i> , co-I, \$101,025	2017–2021
	HUBBLE SPACE TELESCOPE GUEST OBSERVER & ARCHIVAL GRANTS <i>Deciphering the Formation History of Omega Cen with a Comprehensive Stellar Kinematic and Population Dataset</i> , \$135,113, 2022–2024	2010–Present
	<i>Solving the Mystery of Galaxy Bulges</i> , co-I, 54 orbits, 18 orbits, \$165,197, 2017–2022	
	<i>Increasing Diversity in Galaxies with BH Mass Measurements</i> , PI, 6 orbits, \$46,265, 2017–2020	
	<i>A Legacy Imaging Survey of M33</i> , co-I, 108 orbits, \$54,348, 2016–2020	
	<i>Improving Central Black Hole Mass Measurements in Low Mass Early Type Galaxies</i> , PI'ed by student Dieu Nguyen, 12 orbits, \$57,687, 2016–2021	
	<i>Searching for a Supermassive Black Hole in the Brightest Ultracompact Dwarf Galaxy</i> , PI'ed by student Chris Ahn, 1 orbit, \$15,367, 2015–2018	
	<i>Black Holes and Central M/Ls in Low Mass Early-Type Galaxies</i> , PI, \$61,085, 2015–2018	
	<i>The Structure of the Nearest Nuclear Star Clusters</i> , PI, \$116,854, 2013–2018	
<i>Weighing the Low Mass Black Hole in NGC 404</i> , PI, 6 orbits, \$57,422, 2011–2014		
<i>A Panchromatic Hubble Andromeda Treasury Survey</i> , 828 orbits, co-I, \$152,087, 2010–2016		
<i>Structure and Stellar Content of the Nearest Nuclear Star Clusters</i> , co-I, \$26,117, 2010–2013		
<i>The Hosts of Megamaser Disk Galaxies</i> , co-I, \$28,226, 2010–2013		
UNIVERSITY OF UTAH SEED GRANT <i>Heavier Than Stars: Finding Massive Black Holes</i> , PI, \$28,880	2015	
NATIONAL SCIENCE FOUNDATION <i>CAREER: Understanding the Formation of Galaxy Nuclei</i> , PI, \$598,520	2014–2019	
Selected Telescope Time	REVEALING LOW LUMINOSITY ACTIVE GALACTIC NUCLEI (REVEALLAGN) James Webb Space Telescope, NIRSpec & MIRI, Medium Program, PI, 31.9 hours.	2021, Cycle 1
	THE FORMATION HISTORY OF OMEGA CENTAURI Hubble Space Telescope, 18 orbits using WFC3 imaging, PI, 2021, Cycle 29 Very Large Telescope, MUSE instrument, 24.3 hours, co-I, 2020	2020–
	GALAXIES AND THEIR CENTRAL BLACK HOLES Gemini North, 253 hours (Large & Long Program), co-I, using NIFS instrument.	2016-2021
	WEIGHING LOW MASS BLACK HOLES IN THE NEAREST AGN Atacama Large Millimeter Array, 5.4 hours, PI	Cycle 3, 2015-16
	A GNIRS SURVERY OF THE NEAREST NUCLEAR STAR CLUSTERS Gemini North, 13.1 hours, PI, using GNIRS instrument	2016A
	RESOLVING THE NATURE OF ULTRACOMPACT DWARFS Gemini North, 40.7 hours, PI, using NIFS instrument	2014A,2015A
	<i>Telescope time listed above is allocated through competitive proposals with oversubscription rates for PI'ed proposals ranging from 3–9. Approximate Monetary Cost of Telescope Time Awarded as PI Since Arrival in Utah – \$3,120,000</i>	

Teaching Experience	KECK LECTURER IN DARK SKY STUDIES	2019 – 2021
	Helped develop interdisciplinary dark skies minor at U. of Utah. Ongoing support of minor.	
	EARLY CAREER TEACHING AWARD, UNIVERSITY OF UTAH	Mar. 2018
	ASSISTANT & ASSOCIATE PROFESSOR, UNIVERSITY OF UTAH	2012 – Present
	Taught 90-person introductory astronomy course (1060; Spring 2012), 25 person observational astronomy course (2060/4060; Fall 2012), 10-14 person graduate level extragalactic astronomy course (5570; Spring 2013, 2015, 2017, Fall 2020), 14-24 person observational astronomy course (2060/4060; Fall 2013, Fall 2014, Fall 2015, Fall 2018), started new undergraduate extragalactic astrophysics course (Fall 2016, 2017, 2021), graduate research methods in astronomy (6410; Spring 2018, 2020, 2021, 2022), instructor for new Being Human in STEM course (SCI3900; Spring 2020).	
	VISITING PROFESSOR, WELLESLEY COLLEGE	2010 – 2011
Taught undergraduate seminar on stellar populations and general education astrobiology course.		
	INSTRUCTOR, U. WASHINGTON	2003
Instructor for 50 person night-time introductory astronomy class.		
Teaching Evaluations: Above average teaching evaluations in all semesters at Utah. Average instructor composite score: 5.6/6, Average course composite score: 5.3/6.		
U. of Utah Service	EXECUTIVE COMMITTEE, PHYSICS & ASTRONOMY DEPARTMENT	2021–Present
	Member of three person committee advising chair on key decisions.	
	DEPARTMENT ACTION AND LEADERSHIP INSTITUTE	2021
	Led proposal to attend 2021 intensive workshop on departmental change.	
	DIRECTOR OF UNDEGRADUATE STUDIES	2020–Present
	Led reform of undergraduate physics program (chair of reform committee).	
	CURRICULUM COMMITTEES	2020–Present
	Chaired departmental curriculum committee (2020-2021), part of college curriculum committee.	
	GRADUATE ADVISORY COMMITTEE	2018
	Helped reform the department's graduate program.	
	HONORS COLLEGE ADVISOR (CHAIR)	2012 – 2020
Updated honors requirements, interface with honors students. Awarded \$1,000 for service in 2014.		
	ASTRONOMY TASK FORCE (CHAIR, 2017–2018, 2019–2020)	2011 – Present
Helped create astronomy & astrophysics graduate and undergraduate emphases.		
Additional Committees & Service: Astronomy Faculty Search Committee (2015–2016 [chair], 2020–2021), Career Line Faculty Search Committee (2021–2022), South Physics Observatory Committee (2012–2019, chair), High Energy Astrophysics Seminar Committee (2012-2013, chair 2013-14, chair 2016-17), Policy Board (2014-2015), Undergraduate Advising Committee (2012 – Present), Conference for Undergraduate Women in Physics (2014), College of Science Academic Appeals Committee (2011 – 2014), College of Science Council (2017-2019), Futures Committee (2017-2018), Outreach Committee (2017-2018)		
Recent Professional Service	SLOAN DIGITAL SKY SURVEY V ADVISORY COMMITTEE	2019–Present
	NOAO SURVEY TIME ALLOCATION COMMITTEE	2018
	SCIENTIFIC ORGANIZING COMMITTEE	2017
	<i>The Exciting Lives of Galactic Nuclei</i> , Ringberg Castle, Germany.	
	HUBBLE SPACE TELESCOPE TIME ALLOCATION COMMITTEE	2015, 2016
	REFEREE	2009 – Present
Refereed papers for Nature, Astrophysical Journal (and Supplements), Monthly Notices of the RAS		

Recent Talks

Since arrival in Utah: 41 invited talks, including invited keynote/review talks at three international conferences. Invited seminars or colloquia at: Pabna University (Jan. 2022, virtual), Edinburgh (Dec. 2020, virtual), McGill (Oct. 2019), Columbia (Oct. 2019), Washington (May 2019), MPE-Garching (Jul. 2018), Distinguished Colloquium Washington State (Mar. 2018), Michigan (Nov. 2017), Michigan St. (Nov. 2017), MPIA-Heidelberg (June 2017 & Dec. 2016), Herzberg Institute (Apr. 2016), Texas Tech (Mar. 2016), Idaho State (Oct. 2015), UC Berkeley (May 2015), UCLA (Nov. 2014), Northwestern (Apr. 2014), Utah Valley (Feb. 2014), Arizona/NOAO (Jan. 2014), European Southern Observatory, Garching (Jun. 2013), Toronto (Apr. 2013), UC Santa Cruz (Oct. 2012), Wyoming (Mar. 2012), Brigham Young (Dec. 2011), Utah State (Oct. 2011).

Recent conference presentations listed below:

Contributed Talk, *Dynamical Formation of Gravitational Wave Sources*, Aspen, Jan. 2022

Contributed Talk, *American Astronomical Society Virtual Meeting*, Jan. 2021

Contributed Talk, *Supermassive Black Holes (organized by U. de Chile)*, Dec. 2020

Invited Review *Globular Clusters at the Nexus of Star and Galaxy Formation KITP Virtual Workshop*, May 2020

Contributed Talk *MODEST-20: Dense Star Clusters in the Era of Large Surveys*, Mumbai, India, Feb. 2020

Invited Review *IAU Symposium 351: Star Clusters: from the Milky Way to the Early Universe*, Bologna, Italy, May 2019

Invited Speaker *Formation of Stars and Massive clusters in Dwarf Galaxies over Cosmic Time*, Lorentz Center, Leiden, the Netherlands, Feb. 2019

Invited Speaker *M33 HST Survey Team Meeting*, Ringberg Castle, Germany, Jul. 2018

Contributed Talk *Using tidal disruption events to study super-massive black holes*, Aspen, Jan. 2018

Invited Speaker, *Globular cluster systems and their host galaxies*, Sexten, Italy, Jun. 2017

Invited Speaker, *Exciting Lives of Galaxy Nuclei*, Ringberg Castle, Germany, Feb. 2017

Invited Speaker, *Stellar aggregates over mass and spatial scales*, Bad Honef, Germany, Dec. 2016

Invited Review, *MODEST-16: Gas and Gravitational Dynamics*, New York, NY, Sep. 2016

Selected Outreach

Astronomy Outreach Internships at Bryce Canyon: creation, fund raising, and administration, 2015–Present. Interns have ~10,000 direct interactions per year

Public Talks, Utah Astronomy Club, Utah Valley Astro Club, Fall 2019

Citizen science project, clustersearch.org, >1000 volunteers, Jan. 2019

Regular volunteer at star parties in the department and at astronomy festivals

2019: Lunar Eclipse Event at UofU, 2018: IDA conference Snowbird, Cedar Breaks

Astronomy Outreach Ranger Training Session; organized and taught

Bryce Canyon NP, May 2015 (1 week; 25 attendees), Arches NP, May 2018 (1 day; 20 attendees)

Public Talk, Clark Planetarium, ~250 people, Jul. 2018

Public Talk, U to You series (Park City), ~200 people, Mar. 2018

Public Talk at Natural History Museum on Eclipse, ~100 people, Aug. 2017

Dedication of the 1.7m Clements Reflector, ~100 people, Jul. 2017

Science at Breakfast Public Talk, ~150 people, Dec. 2016

Attended Alan Alda Science Communication Workshop, Oct. 2016

Keynote Speaker, Astronomy Festival, Great Basin NP, ~150 people, Sep. 2016

Bryce Canyon Astronomy Festival Star Party volunteer, ~300 people, Jun. 2016

Leader of Andromeda Project, citizen science web site w/ ~30,000 users, 2012 – 2013

- Refereed Publications** **Summary:** 33 group or first authored publications plus 105 co-authored publications.
 Since arrival in Utah, Fall 2011: 23 first author or primary advisor plus 83 co-authored publications.
 Total citation count: 8363, *h*-index: 54, [Click here for ADS listing](#)
- First- Author or Group Publications**
- 33) FIRST DIRECT DYNAMICAL DETECTION OF A DUAL SUPERMASSIVE BLACK HOLE SYSTEM AT SUB-KILOPARSEC SEPARATION
 Voggel, K., **Seth, A.**, [8 authors], 2022, *A&A*, 658, 152.
- 32) DETECTION OF A 100,000 M_{\odot} BLACK HOLE IN M31'S MOST MASSIVE GLOBULAR CLUSTER: A TIDALLY STRIPPED NUCLEUS
 Pechetti, R., **Seth, A.**, [7 authors], 2022, *ApJ*, 924, 48.
- 31) SPATIALLY RESOLVING THE STAR FORMATION HISTORIES OF THREE NEARBY NUCLEAR STAR CLUSTERS
 Hannah, C., **Seth, A.**, [5 authors], 2021, *AJ*, 162, 281.
- 30) LUMINOSITY MODELS AND DENSITY PROFILES FOR NUCLEAR STAR CLUSTERS FOR A NEARBY VOLUME-LIMITED SAMPLE OF 29 GALAXIES
 Pechetti, R., **Seth, A.**, [4 authors], 2020, *ApJ*, 900, 32.
- 29) A GAIA-BASED CATALOG OF CANDIDATE STRIPPED NUCLEI AND LUMINOUS GLOBULAR CLUSTERS IN THE HALO OF CENTAURUS A
 Voggel, K., **Seth, A.**, [5 authors], 2020, *ApJ*, 899, 140.
- 28) SURPRISINGLY STRONG K-BAND EMISSION FOUND IN LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI
 Dumont, A., **Seth, A.**, [4 authors], 2020, *ApJ*, 888, 19.
- 27) IMPROVED DYNAMICAL CONSTRAINTS ON THE MASSES OF THE CENTRAL BLACK HOLES IN NEARBY LOW-MASS EARLY-TYPE GALACTIC NUCLEI AND THE FIRST BLACK HOLE DETERMINATION FOR NGC 205
 Nguyen, D., **Seth, A.**, [18 authors], 2019, *ApJ*, 872, 104.
- 26) THE IMPACT OF STRIPPED NUCLEI ON THE SUPER-MASSIVE BLACK HOLE NUMBER DENSITY IN THE LOCAL UNIVERSE
 Voggel, K., **Seth, A.**, [4 authors], 2019, *ApJ*, 971, 159.
- 25) NEARBY EARLY-TYPE GALACTIC NUCLEI AT HIGH RESOLUTION: DYNAMICAL BLACK HOLE AND NUCLEAR STAR CLUSTER MASS MEASUREMENTS
 Nguyen, D., **Seth, A.**, [13 authors], 2018, *ApJ*, 858, 118.
- 24) THE BLACK HOLE IN THE MOST MASSIVE ULTRACOMPACT DWARF GALAXY M59-UCD3
 Ahn, C., **Seth, A.**, [20 authors], 2018, *ApJ*, 858, 102.
- 23) UPPER LIMITS ON THE PRESENCE OF CENTRAL MASSIVE BLACK HOLES IN TWO ULTRA-COMPACT DWARF GALAXIES IN CENTAURUS A
 Voggel, K., **Seth, A.**, [11 authors], 2018, *ApJ*, 858, 20.
- 22) DETECTION OF ENHANCED CENTRAL MASS-TO-LIGHT RATIOS IN LOW-MASS EARLY-TYPE GALAXIES: EVIDENCE FOR BLACK HOLES?
 Pechetti, R., **Seth, A.**, [5 authors], 2017, *ApJ*, 850, 15.
- 21) PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XVIII. THE HIGH-MASS TRUNCATION OF THE STAR CLUSTER MASS FUNCTION
 Johnson, L. C., **Seth, A.**, [8 authors], 2017, *ApJ*, 839, 78.

- 20) DETECTION OF SUPERMASSIVE BLACK HOLES IN TWO VIRGO ULTRACOMPACT DWARF GALAXIES
Ahn, C., **Seth, A.**, [14 authors], 2017, *ApJ*, 839, 72.
- 19) IMPROVED DYNAMICAL CONSTRAINTS ON THE MASS OF THE CENTRAL BLACK HOLE IN NGC 404
Nguyen, D., **Seth, A.**, [7 authors], 2017, *ApJ*, 836, 237.
- 18) PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XVI. STAR CLUSTER FORMATION EFFICIENCY AND THE CLUSTERED FRACTION OF YOUNG STARS
Johnson, L. C., **Seth, A.**, [11 authors], 2016, *ApJ*, 827, 33.
- 17) PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XII. MAPPING STELLAR METALLICITY DISTRIBUTIONS IN M31
Gegersen, D., **Seth, A.**, [12 authors], 2015, *AJ*, 150, 189.
- 16) MEASURING THE MASS OF THE CENTRAL BLACK HOLE IN THE BULGELESS GALAXY NGC 4395 FROM GAS DYNAMICAL MODELING
den Brok, M., **Seth, A.**, [8 authors], 2015, *ApJ*, 809, 101.
- 15) PHAT STELLAR CLUSTER SURVEY. II. ANDROMEDA PROJECT CLUSTER CATALOG
Johnson, L. C., **Seth, A.**, [12 authors], 2015, *ApJ*, 802, 127.
- 14) MEASURING CONSISTENT MASSES FOR 25 MILKY WAY GLOBULAR CLUSTERS
Kimmig, B., **Seth, A.**, [3 authors], 2015, *AJ*, 149, 53.
- 13) A SUPERMASSIVE BLACK HOLE IN AN ULTRACOMPACT DWARF GALAXY
Seth, A., [13 authors], 2014, *Nature*, 513, 98.
- 12) EXTENDED STRUCTURE AND FATE OF THE NUCLEUS IN HENIZE 2-10
Nguyen, D., **Seth, A.**, [4 authors], 2014, *ApJ*, 794, 34.
- 11) PHAT STELLAR CLUSTER SURVEY I. YEAR 1 CATALOG AND INTEGRATED PHOTOMETRY
Johnson, L. C., **Seth, A.**, [22 authors], 2012, *ApJ* 752, 95.
- 10) THE ACS NEARBY GALAXY SURVEY TREASURY. X. QUANTIFYING THE STAR CLUSTER FORMATION EFFICIENCY OF NEARBY DWARF GALAXIES
Cook, D., **Seth, A.**, [7 authors], 2012, *ApJ*, 751, 100.
- 9) GAS ACCRETION IN THE M32 NUCLEUS: PAST & PRESENT
Seth, A., 2010, *ApJ*, 725, 670.
- 8) THE NGC 404 NUCLEUS: STAR CLUSTER AND LIKELY INTERMEDIATE MASS BLACK HOLE
Seth, A., Cappellari, M., Neumayer, N., Caldwell, N., [7 authors], 2010, *ApJ*, 714 713.
- 7) THE ROTATING NUCLEAR STAR CLUSTER IN NGC 4244
Seth, A., Blum, R., [4 authors], 2008, *ApJ*, 687, 997.
- 6) THE COINCIDENCE OF NUCLEAR STAR CLUSTERS AND ACTIVE GALACTIC NUCLEI
Seth, A., Agueros, M., Lee, D., Basu-Zych, A., 2008 *ApJ*, 678, 116.
- 5) CLUES TO NUCLEAR STAR CLUSTER FORMATION FROM EDGE-ON SPIRALS
Seth, A., Dalcanton, J., Hodge, P., Debattista, V., 2006 *AJ*, 132, 2539.
- 4) 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.

3) A STUDY OF EDGE-ON GALAXIES WITH HST/ACS. I. INITIAL RESULTS
Seth, A., Dalcanton, J., de Jong, S., 2005 *AJ*, 129, 1331.

2) STAR CLUSTERS IN VIRGO AND FORNAX DWARF IRREGULAR GALAXIES
Seth, A., Olsen, K., Miller, B., Lotz, J., Telford, R., 2004 *AJ*, 127, 798.

1) 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.

**Other
 Refereed
 Publications**

105) AGC 226178 AND NGVS 3543: TWO DECEPTIVE DWARFS TOWARD VIRGO
 Jones, M., [19 authors], **Seth, A.**, [3 authors], 2022, *ApJL*, 926, L15.

104) HUBBLE SPACE TELESCOPE OBSERVATIONS OF NGC 253 DWARF SATELLITES: THREE
 ULTRA-FAINT DWARF GALAXIES
 Mutlu-Pakdil, B., [5 authors], **Seth, A.**, [4 authors], 2022, *ApJ*, 926, 77.

103) THE TREX SURVEY: KINEMATICAL COMPLEXITY THROUGHOUT M33'S STELLAR DISK
 AND EVIDENCE FOR A STELLAR HALO
 Gilbert, K., [6 authors], **Seth, A.**, [4 authors], 2022, *ApJ*, 924, 116.

102) HUBBLE SPACE TELESCOPE IMAGING OF ISOLATED LOCAL VOLUME DWARFS GALFA DW3
 AND DW4
 Bennet, P., [10 authors], **Seth, A.**, [7 authors], 2022, *ApJ*, 924, 98.

101) THE NUCLEATION FRACTION OF LOCAL VOLUME GALAXIES
 Hoyer, N., [2 authors], **Seth, A.**, [1 author], 2021, *MNRAS*, 507, 3246.

100) RESOLVED NUCLEAR KINEMATICS LINK THE FORMATION AND GROWTH OF NUCLEAR STAR
 CLUSTERS
 WITH THE EVOLUTION OF THEIR EARLY AND LATE-TYPE HOSTS
 Pinna, F., Neumayer, N., **Seth, A.**, [7 authors], 2021, *ApJ*, 921, 8.

99) RESOLVED DWARF GALAXY SEARCHES WITHIN 5 MPC WITH THE
 VERA RUBIN OBSERVATORY AND SUBARU HYPER SUPRIME-CAM
 Mutlu-Pakdil, B., [5 authors], **Seth, A.**, [3 authors], 2021, *ApJ*, 918, 88.

98) NGC 5128 GLOBULAR CLUSTER CANDIDATES OUT TO 150 KPC:
 A COMPREHENSIVE CATALOG FROM GAIA AND GROUND-BASED DATA
 Hughes, A., Sand, D., **Seth, A.**, [9 authors], 2021, *ApJ*, 814, 16.

97) RELICS OF SUPERMASSIVE BLACK HOLE SEEDS: THE DISCOVERY OF AN
 ACCRETING BLACK HOLE IN AN OPTICALLY NORMAL, LOW METALLICITY DWARF GALAXY
 Cann, J., [8 authors], **Seth, A.**, [4 authors], 2021, *ApJL*, 912, 2.

96) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY: TRIANGULUM EXTENDED REGION
 (PHATTER).
 I. ULTRAVIOLET TO INFRARED PHOTOMETRY OF 22 MILLION STARS IN M33
 Williams, B., [15 authors], **Seth, A.**, [4 authors], 2021, *ApJS*, 253, 53.

95) A RESTLESS SUPERMASSIVE BLACK HOLE IN THE GALAXY J0437+2456
 Pesce, D., **Seth, A.**, [5 authors], 2021, *ApJ*, 909, 141.

94) COMPOSITE BULGES - II. CLASSICAL BULGES AND NUCLEAR DISCS IN BARRED GALAXIES:
 THE CONTRASTING CASES OF NGC 4608 AND NGC 4643
 Erwin, P., **Seth, A.**, [15 authors], 2021, *MNRAS*, 502, 2446.

- 93) THE APOGEE LIBRARY OF INFRARED SSP TEMPLATES (A-LIST): HIGH-RESOLUTION SIMPLE STELLAR POPULATION SPECTRAL MODELS IN THE H-BAND
Ashok, A., Zasowski, G., **Seth, A.**, [8 authors], 2021, *AJ*, 161, 167.
- 92) OPEN CLUSTER CHEMICAL HOMOGENEITY THROUGHOUT THE MILKY WAY
Poovelil, V., [2 authors], **Seth, A.**, [9 authors], 2020, *ApJ*, 903, 55.
- 91) THE ELUSIVE DISTANCE GRADIENT IN THE ULTRAFAINTE DWARF GALAXY HERCULES: A COMBINED HUBBLE SPACE TELESCOPE AND GAIA VIEW
Mutlu-Pakdil, B., [6 authors], **Seth, A.**, [1 author], 2020, *ApJ*, 902, 106.
- 90) PHAT XX. AGB STARS AND OTHER COOL GIANTS IN M31 STAR CLUSTERS
Girardi, L., [4 authors], **Seth, A.**, [17 authors], 2020, *ApJ*, 901, 19.
- 89) REVEALING THE INTERMEDIATE-MASS BLACK HOLE AT THE HEART OF THE DWARF GALAXY NGC 404 WITH SUB-PARSEC RESOLUTION ALMA OBSERVATIONS
Davis, T., [1 author], **Seth, A.**, [15 authors], 2020, *MNRAS*, 496, 4061.
- 88) NUCLEAR X-RAY ACTIVITY IN LOW-SURFACE-BRIGHTNESS GALAXIES: PROSPECTS FOR CONSTRAINING THE LOCAL BLACK HOLE OCCUPATION FRACTION WITH A CHANDRA SUCCESSOR MISSION
Hodges-Kluck, E., [1 author], **Seth, A.**, [2 authors], 2020, *ApJ*, 898, 106.
- 87) NUCLEAR STAR CLUSTERS (REVIEW ARTICLE)
Neumayer, N., **Seth, A.**, Boeker, T., 2020, *The Astronomy & Astrophysics Review*, 28, 4.
- 86) ASYMMETRIC SPATIAL DISTRIBUTION OF SUBSOLAR METALLICITY STARS IN THE MILKY WAY NUCLEAR STAR CLUSTER
Feldmeier-Krause, A., [5 authors], **Seth, A.**, [6 authors], 2020, *MNRAS*, 494, 396.
- 85) THE MBHBM PROJECT. I. MEASUREMENT OF THE CENTRAL BLACK HOLE MASS IN SPIRAL GALAXY NGC 3504 USING MOLECULAR GAS KINEMATICS
Nguyen, D., [1 author], **Seth, A.**, [17 authors], 2020, *ApJ*, 892, 68.
- 84) A DEEP VIEW INTO THE NUCLEUS OF THE SAGITTARIUS DWARF SPHEROIDAL GALAXY WITH MUSE. II. KINEMATIC CHARACTERIZATION OF THE STELLAR POPULATIONS
Alfaro-Cuello, M., [5 authors], **Seth, A.**, [5 authors], 2020, *ApJ*, 892, 20.
- 83) MILKY WAY ANALOGUES IN MANGA: MULTI-PARAMETER HOMOGENEITY AND COMPARISON TO THE MILKY WAY
Boardman, N., [1 author], **Seth, A.**, [15 authors], 2020, *MNRAS*, 491, 3672.
- 82) A DEEP VIEW INTO THE NUCLEUS OF THE SAGITTARIUS DWARF SPHEROIDAL GALAXY WITH MUSE.
I. DATA AND STELLAR POPULATION CHARACTERIZATION
Alfaro-Cuello, M., [3 authors], **Seth, A.**, [7 authors], 2019, *ApJ*, 886, 57.
- 81) SIGNATURES OF TIDAL DISRUPTION IN ULTRA-FAINT DWARF GALAXIES: A COMBINED HST, GAIA, AND MMT/HECTOCHELLE STUDY OF LEO V
Mutlu-Pakdil, B., [8 authors], **Seth, A.**, [2 authors], 2019, *ApJ*, 885, 53.
- 80) THE FAINT END OF THE CENTAURUS A SATELLITE LUMINOSITY FUNCTION
Crnojevic, D., [7 authors], **Seth, A.**, [3 authors], 2019, *ApJ*, 872, 80.
- 79) ASYMMETRIC DRIFT IN THE ANDROMEDA GALAXY (M31) AS A FUNCTION OF STELLAR AGE
Quirk, A., [4 authors], **Seth, A.**, [2 authors], 2019, *ApJ*, 871, 11.

- 78) STELLAR POPULATIONS AND STAR FORMATION HISTORIES OF THE NUCLEAR STAR CLUSTERS IN SIX NEARBY GALAXIES
Kacharov, N., [1 author], **Seth, A.**, 2018, *MNRAS*, 480, 1973.
- 77) STELLAR POPULATIONS AND STAR FORMATION HISTORIES OF THE NUCLEAR STAR CLUSTERS IN SIX NEARBY GALAXIES
Kacharov, N., [1 author], **Seth, A.**, 2018, *MNRAS*, 480, 1973.
- 76) A 3.5 MILLION SOLAR MASSES BLACK HOLE IN THE CENTRE OF THE ULTRACOMPACT DWARF GALAXY FORNAX UCD3
Afansiev, A., [5 authors], **Seth, A.**, 2018, *MNRAS*, 477, 4856.
- 75) THE MAVERIC SURVEY: STILL NO EVIDENCE FOR ACCRETING INTERMEDIATE-MASS BLACK HOLES IN GLOBULAR CLUSTERS
Tremou, E., [8 authors], **Seth, A.**, 2018, *ApJ*, 862, 16.
- 74) THE FAINT GLOBULAR CLUSTER IN THE DWARF GALAXY ANDROMEDA I
Caldwell, N., [3 authors], **Seth, A.**, 2017, *PASA*, 34, 39.
- 73) A MULTI-WAVELENGTH STUDY OF THE TURBULENT CENTRAL ENGINE OF THE LOW-MASS AGN HOSTED BY NGC404
Nyland, K., [2 authors], **Seth A.**, 2017, *ApJ*, 845, 50.
- 72) CIRCUMNUCLEAR STRUCTURES IN MEGAMASER HOST GALAXIES
Pjanka, P., [1 author], **Seth, A.**, 2017, *ApJ*, 844, 2.
- 71) HST IMAGING OF THE ULTRA-COMPACT HIGH VELOCITY CLOUD AGC 226067: A STRIPPED REMNANT IN THE VIRGO CLUSTER
Sand, D., **Seth, A.**, [11 authors], *ApJ*, 843, 134.x
- 70) SPATIAL AND KINEMATIC SEGREGATION IN STAR-CLUSTER MERGER REMNANTS
Cole, D., [3 authors], **Seth, A.**, 2017, *MNRAS*, 466, 2895.
- 69) USING CONTOUR TREES IN THE ANALYSIS AND VISUALIZATION OF RADIO ASTRONOMY DATA CUBES
Rosen, P., [1 author], **Seth, A.**, [5 authors], 2017, *VIS 2017*, [arXiv:1704.04561]
- 68) EMISSION-LINE STARS IN M31 FROM THE SPLASH AND PHAT SURVEYS
Prichard, L., [4 authors], **Seth, A.**, [4 authors], 2017, *MNRAS*, 465, 4180.
- 67) MEGAMASER DISKS REVEAL A BROAD DISTRIBUTION OF BLACK HOLE MASS IN SPIRAL GALAXIES
Greene, J. E., **Seth, A.**, [9 authors], 2016, *ApJL*, 826, 32.
- 66) THE BLACK HOLE – BULGE MASS RELATION IN MEGAMASER HOST GALAXIES
Läsker, R., Greene, J., **Seth, A.**, [4 authors], 2016, *ApJ*, 825, 3.
- 65) THE EXTENDED HALO OF CENTAURUS A: UNCOVERING SATELLITES, STREAMS, AND SUBSTRUCTURES
Crnojević, D., [5 authors], **Seth, A.**, [3 authors], 2016, *ApJ*, 823, 19.
- 64) A TIDALLY DISRUPTING DWARF GALAXY IN THE HALO OF NGC 253
Toloba, E., [8 authors], **Seth, A.**, 2016, *ApJL*, 816, 5.
- 63) KMOS VIEW OF THE GALACTIC CENTRE. I. YOUNG STARS ARE CENTRALLY CONCENTRATED
Feldmeier-Krause, A., [2 authors], **Seth, A.**, [6 authors], 2015, *A&A*, 584, 2.

- 62) DEEP RADIO IMAGING OF 47 TUC IDENTIFIES THE PECULIAR X-RAY SOURCE X9 AS A NEW BLACK HOLE CANDIDATE
Miller-Jones, J., [8 authors], **Seth, A.**, [1 author], 2015, *MNRAS*, 453, 3918.
- 61) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VIII. A WIDE-AREA, HIGH-RESOLUTION MAP OF DUST EXTINCTION IN M31
Dalcanton, J., [15 authors], **Seth, A.**, [1 author], 2015, *ApJ*, 814, 3.
- 60) A SPECTROSCOPIC AND PHOTOMETRIC EXPLORATION OF THE C/M RATIO IN THE DISK OF M31
Hamren, K., [6 authors], **Seth, A.**, [7 authors], 2015, *ApJ*, 810, 60.
- 59) HENIZE 2-10: THE ONGOING FORMATION OF A NUCLEAR STAR CLUSTER AROUND A MASSIVE BLACK HOLE
Arca-Sedda, M., [2 Authors], **Seth, A.**, 2015, *ApJ*, 806, 220.
- 58) THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS
Weisz, D., Johnson, L. C., [15 authors], **Seth, A.**, [1 author], 2015, *ApJ*, 806, 198.
- 57) A COMPREHENSIVE ARCHIVAL SEARCH FOR COUNTERPARTS TO ULTRA-COMPACT HIGH VELOCITY CLOUDS: FIVE LOCAL VOLUME DWARF GALAXIES
Sand, D., [16 authors], **Seth, A.**, [2 authors], 2015, *ApJ*, 806, 95.
- 56) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY XI: THE SPATIALLY-RESOLVED RECENT STAR FORMATION HISTORY OF M31
Lewis, A., [5 authors], **Seth, A.**, [11 authors], 2015, *ApJ*, 805, 183.
- 55) A CLEAR AGE-VELOCITY DISPERSION CORRELATION IN ANDROMEDA'S STELLAR DISK
Dorman, C., Guhathakurtha, R., **Seth, A.**, [9 authors], 2015, *ApJ*, 803, 24.
- 54) THE STRUCTURE OF NUCLEAR STAR CLUSTERS IN NEARBY LATE-TYPE SPIRAL GALAXIES FROM HUBBLE SPACE TELESCOPE WIDE FIELD CAMERA 3 IMAGING
Carson, D., Barth, A., **Seth, A.**, [5 authors], 2015, *AJ*, 149, 170.
- 53) TRACING THE METAL-POOR M31 STELLAR HALO WITH BLUE HORIZONTAL BRANCH STARS
Williams, B., [6 authors], **Seth, A.**, [3 authors], 2015, *accepted by ApJ*
- 52) THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: TECHNICAL OVERVIEW
Shen, Y., [24 authors], **Seth, A.**, [12 authors], 2015, *ApJS*, 216, 4.
- 51) THE HST/ACS COMA CLUSTER SURVEY. X. NUCLEAR STAR CLUSTERS IN LOW-MASS EARLY-TYPE GALAXIES: SCALING RELATIONS
den Brok, M., Peletier, R., **Seth, A.**, [16 authors], 2014, *MNRAS*, 445, 2385.
- 50) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY X. ULTRAVIOLET TO INFRARED PHOTOMETRY OF 117 MILLION EQUIDISTANT STARS
Williams, B., [16 authors], **Seth, A.**, 2014, *ApJS*, 215, 9.
- 49) DISCOVERY OF A CLOSE PAIR OF FAINT DWARF GALAXIES IN THE HALO OF CENTAURUS A
Crnojevic, D., Sand, D., [3 authors], **Seth, A.**, [3 authors], 2014, *ApJ*, 759, 35.
- 48) LARGE SCALE KINEMATICS AND DYNAMICAL MODELLING OF THE MILKY WAY NUCLEAR STAR CLUSTER
Feldmeier, A., Neumayer, N., **Seth, A.**, [6 authors], 2014, *A&A*, 570, 2.
- 47) DISCOVERY OF A NEW FAINT DWARF GALAXY ASSOCIATED WITH NGC 253
Sand, D., [7 authors], **Seth, A.**, 2014, *ApJL*, 793, 7.

- 46) PANCHROMATIC HUBBLE ANDROMEDA TREASURY. IX.
A PHOTOMETRIC SURVEY OF PLANETARY NEBULAE IN M31
Veyette, M., Williams, B., [8 authors], Seth, A., 2014, *ApJ*, 792, 121.
- 45) AN OPTICAL/NEAR-IR STUDY OF A TRIPLET OF
SUPER STAR CLUSTERS IN THE STARBURST CORE OF M82
Wesmoquette, M., [2 authors], **Seth, A.**, [7 authors], 2014 *ApJ*, 789, 94.
- 44) CIRCUMNUCLEAR MOLECULAR GAS IN MEGAMASER DISK GALAXIES
NGC 4388 AND NGC 1194
Greene, J., **Seth, A.**, [4 authors], 2014, *ApJ*, 788, 145.
- 43) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. V.
AGES AND MASSES OF THE YEAR 1 STELLAR CLUSTERS
Fouesneau, M., [11 authors], **Seth, A.**, [2 authors], 2014, *ApJ*, 786, 117.
- 42) A NEW APPROACH TO DETAILED STRUCTURAL DECOMPOSITION FROM THE SPLASH
AND PHAT SURVEYS: KICKED-UP DISK STARS IN THE ANDROMEDA GALAXY?
Dorman, C., [2 authors], **Seth, A.**, [6 authors], 2013, *ApJ*, 779, 103.
- 41) A MULTI-WAVELENGTH ANALYSIS OF NGC 4178:
A BULGELESS GALAXY WITH AN ACTIVE GALACTIC NUCLEUS
Secrest, N., [6 authors], **Seth, A.**, 2013, *ApJ*, 777, 139.
- 40) A RADIO-SELECTED BLACK HOLE X-RAY BINARY CANDIDATE
IN THE MILKY WAY GLOBULAR CLUSTER M62
Chomiuk, L., [5 authors], **Seth, A.**, 2013, *ApJ*, 777, 69.
- 39) THE DENSEST GALAXY
Strader, J., **Seth, A.**, [9 authors], 2013, *ApJ*, 775, 6.
- 38) USING MEGAMASER DISKS TO PROBE BLACK HOLE ACCRETION
Greene, J., **Seth, A.**, [8 authors], 2013, *ApJ*, 771, 121.
- 37) THREE-INTEGRAL MULTICOMPONENT DYNAMICAL MODELS AND
SIMULATIONS OF THE NUCLEAR STAR CLUSTER IN NGC 4244
de Lorenzi, F., [2 authors], **Seth, A.**, [1 author], 2013, *MNRAS*, 429, 2974.
- 36) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. III.
MEASURING AGES AND MASSES OF PARTIALLY RESOLVED STELLAR CLUSTERS
Beerman, L. [4 authors], **Seth, A.**, [11 authors], 2012, *ApJ*, 760, 104.
- 35) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. II.
TRACING THE INNER M31 HALO WITH BLUE HORIZONTAL BRANCH STARS
Williams, B., [5 authors], **Seth, A.**, [3 authors], 2012, *ApJ*, 759, 46.
- 34) TWO STELLAR-MASS BLACK HOLES IN THE GLOBULAR CLUSTER M22
Strader, J., [3 authors], **Seth, A.**, 2012, *Nature*, 490, 71.
- 33) TIDAL SIGNATURES IN THE FAINTEST MILKY WAY SATELLITES:
THE DETAILED PROPERTIES OF LEO V, PISCES II, AND CANES VENATICI II
Sand, D. , [5 authors], **Seth, A.**, [1 author], 2012, *ApJ*, 756, 79.
- 32) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. I.
BRIGHT UV STARS IN THE BULGE OF M31
Rosenfield, P. [19 authors], **Seth, A.**, [2 authors], 2012, *ApJ*, 755, 131.

- 31) THE CHANDRA VIEW OF NGC 4178:
THE LOWEST MASS BLACK HOLE IN A BULGELESS DISK GALAXY?
Secrest, N., [3 authors], **Seth, A.**, [1 author], 2012, *ApJ*, 753, 38.
- 30) THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY
Dalcanton, J., [4 authors], **Seth, A.**, [27 authors], 2012, *ApJS*, 200, 18.
- 29) THE SPLASH SURVEY: KINEMATICS OF ANDROMEDA'S INNER SPHEROID
Dorman, C., [10 authors], **Seth, A.**, [3 authors], 2012, *ApJ* 752, 147.
- 28) NO EVIDENCE FOR INTERMEDIATE-MASS BLACK HOLES IN GLOBULAR CLUSTERS:
STRONG CONSTRAINTS FROM THE JVLA
Strader, J., [3 authors], **Seth, A.**, [2 authors], 2012, *ApJ*, 750, 27.
- 27) THE CONTRIBUTION OF TP-AGB AND RHEB STARS TO THE NEAR-IR LUMINOSITY OF
LOCAL GALAXIES: IMPLICATIONS FOR STELLAR MASS MEASUREMENTS OF HIGH-Z GALAXIES
Melbourne, J., [10 authors], **Seth, A.**, 2012, *ApJ*, 748, 47.
- 26) OLD MASSIVE GLOBULAR CLUSTERS AND THE STELLAR HALO OF THE DWARF STARBURST
GALAXY NGC 4449
Strader, J., **Seth, A.**, Caldwell, N., 2012, *AJ*, 143, 52.
- 25) RESOLVED NEAR-INFRARED STELLAR POPULATIONS IN NEARBY GALAXIES
Dalcanton, J., [10 authors], **Seth, A.**, [1 author], 2012, *ApJS*, 198, 6.
- 24) M94 AS A UNIQUE TESTBED FOR BLACK HOLE MASS ESTIMATES AND AGN ACTIVITY AT
LOW LUMINOSITIES
Constantin, A., **Seth, A.**, 2012, *AdAst*, 2012, 13.
- 23) CONSTRAINING THE ROLE OF STAR CLUSTER MERGERS IN NUCLEAR CLUSTER FORMATION:
SIMULATIONS CONFRONT INTEGRAL-FIELD DATA
Hartmann, M., Debattista, V., **Seth, A.**, [2 authors], 2011, *MNRAS*, 418, 2697.
- 22) HOW TYPICAL ARE THE LOCAL GROUP DWARF GALAXIES?
Weisz, D., [6 authors], **Seth, A.**, [6 authors], 2011, *ApJ*, 743, 8.
- 21) THE ACS NEARBY GALAXY SURVEY TREASURY VIII.
THE GLOBAL STAR FORMATION HISTORIES OF 60 DWARF GALAXIES IN THE LOCAL VOLUME
Weisz, D., [4 authors], **Seth, A.**, [8 authors], 2011, *ApJ*, 739, 5.
- 20) THE GHOSTS SURVEY. I.
HUBBLE SPACE TELESCOPE ADVANCED CAMERA FOR SURVEYS DATA
Radburn-Smith, D., de Jong, R., **Seth, A.**, [15 authors], 2011, *ApJS*, 195, 18.
- 19) A DEEP CHANDRA VIEW OF THE NGC 404 CENTRAL ENGINE
Binder, B., [2 authors], **Seth, A.**, [6 authors], 2011, *ApJ*, 737, 77.
- 18) RESOLVED PHOTOMETRY OF EXTRAGALACTIC YOUNG MASSIVE STAR CLUSTERS
Larsen, S., [4 authors], **Seth, A.**, [3 authors], 2011, *A&A*, 532, 147.
- 17) THE M81 GROUP DWARF IRREGULAR GALAXY DDO 165. II. CONNECTING RECENT STAR
FORMATION WITH INTERSTELLAR MEDIUM STRUCTURES AND KINEMATICS
Cannon, J., [7 authors], **Seth, A.**, [2 authors], 2011 *ApJ*, 735, 36.
- 16) THE M81 GROUP DWARF IRREGULAR GALAXY DDO 165. I.
HIGH-VELOCITY NEUTRAL GAS IN A POST-STARBURST SYSTEM
Cannon, J., [7 authors], **Seth, A.**, [2 authors], 2011 *ApJ*, 735, 35.

- 15) THE ACS NEARBY GALAXY SURVEY TREASURY. VII. THE NGC 4214 STARBURST AND THE EFFECTS OF STAR FORMATION HISTORY ON DWARF MORPHOLOGY
Williams, B., [2 authors], **Seth, A.**, [3 authors], 2011, *ApJ*, 735, 22.
- 14) STAR CLUSTERS IN M31. V. INTERNAL DYNAMICAL TRENDS: SOME TROUBLESOME, SOME REASSURING
Strader, J., Caldwell, N., **Seth, A.**, 2011, *AJ*, 142, 8.
- 13) THE HISTORY OF STAR FORMATION IN GALAXY DISKS IN THE LOCAL VOLUME AS MEASURED BY THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY
Williams, B., [3 authors], **Seth, A.**, [7 authors], 2011, *ApJ Letters*, 734, 22.
- 12) GLIMPSE-CO1: THE MOST MASSIVE INTERMEDIATE-AGE STELLAR CLUSTER IN THE GALAXY
Davies, B., [2 Authors], **Seth, A.**, [2 authors], 2011, *MNRAS*, 411, 1386.
- 11) THE ACS NEARBY GALAXY SURVEY TREASURY IX. CONSTRAINING ASYMPTOTIC GIANT BRANCH EVOLUTION WITH OLD METAL-POOR GALAXIES
Girardi, L., [10 authors], **Seth, A.**, [1 author], 2010, *ApJ*, 724, 1030.
- 10) A DEEPER LOOK AT LEO IV: STAR FORMATION HISTORY AND EXTENDED STRUCTURE
Sand, D., **Seth, A.**, [4 authors], 2010, *ApJ*, 718 530.
- 19) THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. VI. THE ANCIENT STAR-FORMING DISK OF NGC 404
Williams, B., [4 authors], **Seth, A.**, [2 authors], 2010 *ApJ* 716 71.
- 18) THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. V. RADIAL STAR FORMATION HISTORY OF NGC 300
Gogarten, S., [4 authors], **Seth, A.**, [10 authors], 2010, *ApJ*, 712 858.
- 17) THE ACS NEARBY GALAXY SURVEY TREASURY IV. THE STAR FORMATION HISTORY OF NGC 2976
Williams, B., [4 authors], **Seth, A.**, [5 authors], 2010 *ApJ*, 709, 135.
- 16) 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.
- 15) THE ACS NEARBY GALAXY SURVEY TREASURY
Dalcanton, J., Williams, B., **Seth, A.**, [25 authors], 2009 *ApJS* 183 67.
- 14) 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.
- 13) 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.
- 12) 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.
- 11) RADIO CONTINUUM OBSERVATIONS OF THE CANDIDATE SMBH IN DWARF ELLIPTICAL VCC 128
Buyle, P., [4 authors], **Seth, A.**, [1 author], 2008 *ApJ*, 685 915.

- 10) 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.
- 9) 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.
- 8) ANTITRUNCATED STELLAR DISKS VIA MINOR MERGERS
Younger, J., Cox, T., **Seth, A.**, Hernquist, L., 2007 *ApJ*, 670, 269.
- 7) STELLAR POPULATIONS ACROSS THE NGC 4244 TRUNCATED GALACTIC DISK
de Jong, R., **Seth, A.**, Radburn-Smith, D., [12 authors], 2007 *ApJL*, 667, 49.
- 6) STAR FORMATION AND FEEDBACK IN SMOOTHED PARTICLE HYDRODYNAMIC SIMULATIONS
Stinson, G., **Seth, A.**, Quinn, T., [5 Authors], 2006 *MNRAS*, 373, 1074.
- 5) 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.
- 4) 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.
- 3) 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.
- 2) 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.
- 1) THE BEHLEN OBSERVATORY VARIABLE STAR SURVEY.IV.
Schmidt, E., **Seth, A.**, 1996, *AJ*, 112, 2769.