

# ANIRBAN BHATTACHARJEE

Assistant Professor

Department of Biology, Geology, & Physical Sciences

Sul Ross State University

Box C-64,

Alpine, 79832.

TX, USA.

Ph: 4328378249

email: axb14ku@sulross.edu

Last updated: June 2015

## EDUCATION

---

2015 | Ph.D – Physics (emphasis on Astronomy), University of Wyoming, advisor –  
Dr. Michael S. Brotherton  
*Reverberation Mapping of Active Galactic Nuclei*

2014 | M.S. – Physics (emphasis on Astronomy), University of Wyoming

2004 | Bachelors in Technology (emphasis on Electronics and Communication Engineering) – Visvesvaraya Technological University, India

## PROFESSIONAL EXPERIENCE

---

01/2016 – PRESENT | Assistant Professor – Sul Ross State University

2014 – 2015 | Instructor – Sul Ross State University

2005 – 2006 | Junior journalist – Indian Express, Kolkata, India

2004 | Intern – Yokogawa Blue Star, Bangalore, India

## PROFESSIONAL ASSOCIATIONS

---

American Astronomical Society

American Physics Society

American Association of Physics Teachers

## RESEARCH AND PROFESSIONAL PRESENTATIONS

**Bhattacharjee, A.** et al; 2016, 228, AAS, 22831412B *Black Hole Mass Measurement of Two Radio-Loud Active Galactic Nuclei*.

**Bhattacharjee, A.** et al; 2016, Great Lake Quasar Symposium *Reverberation Mapping Measurement of Two Radio-Loud Active Galactic Nuclei*

Kobulnicky, Henry A.; Kiminki, Daniel C.; Lundquist, Michael J.; Burke, Jamison; Chapman, James; Keller, Erica; Lester, Kathryn; Rolen, Emily K.; Topel, Eric; **Bhattacharjee, A.**; and 5 coauthors. 2014, ApJS, 213, 34K. *Toward Complete Statistics of Massive Binary Stars: Penultimate Results from the Cygnus OB2 Radial Velocity Survey*.

Kobulnicky, H. A.; Kiminki, D. C.; Lundquist, M. J.; Burke, J.; Chapman, J.; Keller, E.; Lester, K.; Rolen, E. K.; Topel, E.; **Bhattacharjee, A.**; Smullen, R. A.; Vargas Alvarez, C. A.; Runnoe, J. C.; Dale, D. A.; Brotherton, M. M. 2014yCat..22130034K *VizieR Online Data Catalog: Velocities of Cygnus OB2 massive binaries (Kobulnicky+, 2014)*.

Kobulnicky, Henry A.; Lundquist, Michael J.; **Bhattacharjee, A.**; Kerton, C. R. 2011, AJ, 143, 71 *IRAS 03063+5735: A Bowshock Nebula Powered by an Early B Star*.

**Bhattacharjee, A.**, Chatterjee, S., Newman, J. A.; Aird, J.; Cooper, M.; Jeltama, T.; Laird, E.; Monetro-Dorta, A.; Myers, A. D.; Nandra, K.; Willmer, C.; Yan, R. 2014, 223rd AAS meeting *Diffuse X-Ray Emission in Active and Normal Galaxies in the Extended Groth Strip*.

Fifty Years of Quasars, A Symposium in Honor of Marteen Schimdt, 2013 September, Caltech. *Diffuse X-ray Emission in AGNs and Galaxies*.

Kobulnicky, Henry A.; Alexander, M. J.; Lundquist, M. J.; Long, G. R.; Smullen, R.; **Bhattacharjee, A.**; Vargas Alvarez, C. 2013, AAS, 22114202K *Updating the Census of Massive Binaries in Cygnus OB2*.

Mason, Michelle; Erickson, N.; Roberts, C. A.; Johnson-Groh, M.; Starcevich, D.; Niles Nissim, S.; **Bhattacharjee, A.**; Brotherton, M. S.; Dale, D. A.; Kobulnicky, H. A. 2013, AAS, 22133921M *Reverberation Mapping of Radio-Loud Active Galactic Nuclei*.

Galactic Nuclei and their Connection with Stars and the Environment. 2012 October, Brazil. *Continuum measurements of Radio-Loud Active Galactic Nuclei*.

Smullen, Rachel; Kobulnicky, H.; Kiminki, D.; Runnoe, J.; Long, G.; Wood, E.; Ewing, I.; Vargas-Alvarez, C.; Alexander, M.; **Bhattacharjee, A.** 2012, AAS, 21915333S *New Massive Binaries in the Cygnus OB2 Association*.

Ganguly, Rajib; Bourjaily, M.; Munsell, J.; Brotherton, M. S.; **Bhattacharjee, A.**; Runnoe, J.; Charlton, J. C.; Eracleous, M. 2011, AAS, 2171420 *Toward a Prescription for Feedback from Quasar Outflows*.

## CONSULTING AND OTHER INVITED PROFESSIONAL PRESENTATIONS

---

### Invited Talks

*How Massive Are the Biggest Black Holes in the Universe*, University of Michigan-Flint  
June 2016.

*Reverberation Mapping of Four New Active Galactic Nuclei* , Laramie, University of Wyoming August 2015.

*Reverberation Mapping of Radio-Loud Active Galactic Nuclei*, 221<sup>st</sup> AAS Meeting, Washington D.C., January 2014

*Measurement of Masses of Super Massive Black Holes*, National Institute of Technology, Sikkim, India, October 2013.

### Consultation

Served as an expert witness for the defense in a murder trial in the local area

### Grants, Fellowships, & Awards

---

|      |  |
|------|--|
| 2016 | Sul Ross State University Faculty Research Enhancement Grant- \$4300 |
| 2015 | Sul Ross State University Faculty Research Enhancement Grant- \$4500 |
| 2012 | AAS International Travel Grant- \$1500                               |

### Service

---

#### Sul Ross State University

Library and Information Technologies Council 2015-present

Faculty Hiring Committee 2014-2016.

Planetarium Recommission in-charge

### Outreach

---

Volunteer for the Wyoming State Science Fair, 2011,2012,2013

Volunteer for WIRO Open House night