



### **Bassem Sabra**

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## **Biography**

Dr. Bassem Sabra has a Ph.D. in Physics (astrophysics) from Ohio University, USA. His field of research is active galactic nuclei. His research is published in top-ranked astrophysics journals. He has taught physics and astrophysics courses varying from the Freshman to the graduate levels. He has extensive experience in curriculum development and outcomes assessment. He served as the first chairperson of the Dept. of Physics & Astronomy at NDU from October 2010 to September 2016.

## **Peer-reviewed Journals**

### **International**

- FUSE Spectroscopy of the Accreting Hot Components in Symbiotic Variables," Sion, E. M., Godon, P., Mikolajewska, J. , Sabra, B. M., & Kolobow, C. 2017, *Astronomical Journal (AJ)*, 153, pp. 160-173 (USA)
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- "The Blackhole-Dark Matter Connection," Sabra, B. M., Saliba, C., Abi Akl, M., & Chahine, G., 2015, *Astrophysics Journal (ApJ)*, 803, pp. 5-13 (USA)
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- "The Nature of the UV/X-Ray Absorber in PG 2302+029," Sabra, B. M., Hamann, F., George, I. M., Shields, J. C., & Jannuzi, B. 2003, *ApJ*, vol. 590, pp. 66-72 (USA)
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- "PG 1254+047: An X-ray Weak, Heavily Absorbed BALQSO?," Sabra, B. M., & Hamann, F. 2001, *ApJ*, 563, 555-559 (USA)
- "Emission-Line Properties of the Optical Filaments of NGC 1275," Sabra, B. M., Shields, J. C., & Filippenko, A. V. 2000, *ApJ*, 545, 157-170 (USA)

## Peer-reviewed Conference Proceedings

### Regional

- “Accretion in LINERs??,” Sabra, B. M. 2012, African Skies, vol. 16, pp 50-55, Proceedings of the 2nd MEARIM, Cape Town, South Africa (Invited; International Astronomical Union Regional Meeting)
- “Long-Term Monitoring of Active Stars: The Lebanese Observers Group,” Hajjar, R., Sabra, B. M., Bittar, J., & El-Eid, M., 2009, in Proceedings of the 1st MEARIM, A. Hady & M.I. Wanas Eds, Cairo University Press, p. 245 (International Astronomical Union Regional Meeting; Egypt)

### International

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- “Optical/UV Spectroscopy of the LINER in NGC 3507,” Shields, J. C., Sabra, B. M., Ho, L.C., Barth, A., & Filippenko, A. V. 2000, BAAS, vol. 32, p. 1589 (USA)
- “Emission-Line Properties of Cooling Flow Filaments,” Sabra, B. M., Shields, J. C., & Filippenko, A. V. 2000, BAAS, vol. 31, p.1516 (USA)
- “Physical Properties of the Optical Filaments in NGC 1275,” Sabra, B. M., Shields, J. C., & Filippenko, A. V. 1999, BAAS, vol. 31, p. 892 (USA)