

Russel Dsouza

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EDUCATION

National Institute of Technology, Karnataka, India

- Ph.D. in Geophysical Engineering Aug 2017 – Apr 2021
 - Thesis: A Statistical Approach to Quantifying Climate Change
 - Adviser: Prof. Jonathan Public
 - Focus: Climate change, metrology, lasers, statistics.
- M.B.A. Nov 2008 – Jun 2009
- M.S. in Geophysical Engineering Aug 2006 – Aug 2008
 - Cumulative GPA: 3.7 / 4.0

Science College, Springfield, Pennsylvania, USA

- B.S. in Geography May 2002 – May 2005
 - Graduated with College Honors.
 - Cumulative GPA: 3.96 / 4.00

RESEARCH EXPERIENCE

Institute for Advanced Research, Science College

- Undergraduate Research Student, Science Department May 2004 – May 2005
 - Project: Investigations on the Use of Lasers to Measure Climate Change
 - Supervisors: Prof. Jane Citizen and Dr Ann Yone
 - Focus: Climate change, lasers, statistical analysis, data analytics.

PUBLICATIONS

JOURNALS

- [10] J. Doe, J. Citizen, and A. Yone, “On lasers and climate change,” *Journal of Science*, vol. 89, no. 2, pp. 4123–4133, Feb 2008.
- [1] J. Doe and J. Citizen, “Measuring the extent of climate change,” *Global Scientific Journal*, vol. 12, no. 4, pp. 330–352, Dec 2006.

CONFERENCES

- [1000] J. Doe, J. Citizen, and A. Yone, “On lasers and climate change,” in *Proceedings of the Laser Symposium*, Las Vegas, Nevada, USA, Jan 2007.
- [100] A. Yone and J. Doe, “Climate change and general relativity,” in *Proceedings of the International Astronomical Conference*, Sydney, Australia, Aug 2006.
- [10] J. Doe and J. Citizen, “Measuring the extent of climate change,” in *Proceedings of the International Climate Change Conference*, London, UK, Nov 2005.

AWARDS & SCHOLARSHIPS

- Dean’s List, Fall 2002 through Spring 2005, Science College 2002 – 2005
For attaining a semester GPA of at least 3.75.
- Undergraduate Researcher Award, Science College May 2005
For outstanding scientific contributions in the fields of lasers and climate change.
- Chess Tournament, First Prize, Science College Mar 2003
Awarded at the Tenth Annual Chess Tournament held during Open House.
- International Science Scholarship, Dec 2001
Global Science, Technology, Engineering, and Mathematics Foundation
Full-tuition scholarship with stipend for undergraduate studies. One of 42 awardees in the world.

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Joint Society of Earth Scientists and Global Think Tank on Climate Resiliency, North Attleborough, Massachusetts, USA

- Member 2009 – Present

**CAMPUS
ACTIVITIES**

First Volunteers Club, First American University

Aug 2006 – Aug 2007

- President
 - Lorem ipsum dolor sit amet, consectetur adipiscing elit.
 - Curabitur vitae laoreet velit, vel ultricies est. Nam nec elit ac ante facilisis ultrices.
 - Wel turpis efficitur, non lacinia orci maximus.
 - Proin rhoncus, felis vel hendrerit lacinia.
 - Integer sit amet turpis dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc at orci eu leo vulputate finibus sed et sem.
 - Suspendisse volutpat sapien et mi cursus, gravida ornare mauris sollicitudin.

**OTHER WORK
EXPERIENCE**

Alpha Engineering Firm, Oakland, Ohio, USA

Oct 2007 – Jan 2008

- Project Officer, Department of Meteorological Sciences,
Research & Development Division
 - Nullam venenatis egestas nisl eget elementum.
 - Nulla finibus justo vel turpis efficitur, non lacinia orci maximus. Proin rhoncus, felis vel hendrerit lacinia, enim ipsum ultricies massa, sit amet interdum nisi massa sit amet justo.
 - Etiam vitae eros mollis, consectetur quam quis, molestie massa.

LANGUAGES

- English: Native language.
- Spanish: Fluent (speaking, reading, writing).
- Latin: Intermediate (reading); basic (speaking, writing).

SKILLS

T_EX, L^AT_EX, X_YL^AT_EX, MATLAB,

INTERESTS

Digital photography, typography, swimming.

REFERENCES

- **Professor Jonathan Public**
Professor of Geology and Mechanical Engineering
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- **Dr Alice Bob Carol**
Director, Research & Development
Alpha Engineering Firm
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