

Pankaj Khanna

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Education

- 2012 – 2017* **PhD in Geology - Rice University** **Current GPA: 3.89**
Thesis Title: Comparing early transgressive reef morphologies; A qualitative and quantitative analysis of Upper Cambrian and Uppermost Pleistocene reefs
- 2010 - 2012 **M.Sc. Geology - University of Delhi, India** **Grade A**
Project: Shell concentration and taphonomic analysis of mixed carbonate – siliciclastic Oligocene Succession, Kutch
- 2007 - 2010 **B.Sc. (Honours) Geology - University of Delhi, India** **Grade A**

Relevant Experience

- 05/2014 – 07/2014: **Chevron**, Houston - Professional Intern, ETC- Carbonate R&D
- Developed training images to assist in reservoir modelling for Carbonates
- 08/2014 – 09/2014: **Statoil**, Bergen, Norway - Summer Intern, Carbonate Producibility Group
- Static Reservoir Modeling with focus on facies modeling for Carbonates
- 06/2013 - 08/2013: **TGS**, Houston – Summer Internship as a Seismic Interpretation Intern
- 2D and 3D Seismic Interpretation, worked on Gulf of Mexico and Angola seismic dataset
- 06/2016 – 08/2016: **Sneider Exploration**, Houston - Intern
- Developing training modules for carbonate and clastics, and field guides for deep water systems and sequence stratigraphy
- 02/2013 - 11/2015: **GIS/Data Centre** Student Assistant, Rice University (part time)

Achievements and Awards

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| 2016 | First Place Poster at AAPG Student Expo, Houston | 2014 | Second Place Poster at IRESS symposium 1 , Rice University. |
| 2016 | First Place Poster at IRESS symposium 3 , Rice University | 2013 | BP Rice Fellowship |
| 2016 | Department Service Award – Earth Science, Rice University | 2012 | First Place at Conglomerate, Department of Geology, University of Delhi. |
| 2015 | Second Place at SEPM Photo Contest , Carbonate meeting, ACE- Denver | 2011 | Summer Research Fellowship , Indian Academy of Sciences |

Leadership Activities

- **President, AAPG Chapter**, Rice University – 2016-17
- **President** of ISAR (Indian students at Rice - club) – 2013-14
- **Member** of **SEPM Headquarters Committee** 2016-17
- **Member** of **AAPG/SEG Houston Student Expo Committee** 2015, 2016
- **Vice President AAPG Chapter**, Rice University – 2015-16
- **Vice President**, Rice Cricket Club – 2013-14

Publications

- Rovere, A., **Khanna, P.**, Bianchi, C, N., Droxler, A, W., Morri, C., Naar, D.F., 2016. Submerged reef terraces in the Maldivian Archipelago (Indian Ocean): heritage of a punctuated postglacial sea level rise? (In review – Sci. Reports)
- **Khanna, P.** 2012. Characterization of shell concentrations from Oligocene succession of Kutch and their distribution in system tracts. M.Sc thesis- University of Delhi.
- **Khanna, P.**, Droxler, A.W., Harris, P.M., Nittrouer, J. High resolution deglacial sea level record for last deglaciation. (Manuscript ready for submission)

- **Khanna, P.**, Droxler, A.W., Harris, P.M., Lehrmann, D. Three phase evolution of Upper Cambrian Microbial Reefs, Mason Texas (work in progress)

Abstracts and Presentations

- **Khanna, P.**, Droxler, A.W., Hopson, Heath, Harris, Paul (M), Lehrmann, D., 2016. Investigating Upper Cambrian Microbial Reefs (Mason, Texas) – Unconventional Approach in Mapping and Quantifying their different scales. Session – Unconventional Carbonate Reservoirs II, AAPG ACE – Calgary, Canada (Oral Presentation)
- **Khanna, P.**, Droxler, A.W., Harris, P.M., Lehrmann, D., 2015. Upper Cambrian Microbialites, Mason, Texas: The making of virtual outcrops using photogrammetry. IRESS, Rice University, 2015 (Oral Presentation)
- **Khanna, P.**, Droxler, A.W., Nittrouer, J., 2014, Uppermost Pleistocene Banks Along the South Texas Shelf Edge: A Clear Case of Drowning Based Upon Their Morphologies Session Title: Theme 5: Seismic Stratigraphy, Geomorphology and Heterogeneity of Carbonates. AAPG National meeting, Houston Tx, 2014. (Oral Presentation)
- **Khanna, P.**, Droxler, A.W., Nittrouer, J., Tunnell, W., and Shirley, T, 2013. Detailed bathymetric survey of uppermost Pleistocene drowned banks along the South Texas Shelf Edge: A glimpse at their growth and demise during last deglaciation’, GSA South Central, April 2013, University of Texas, Austin. (Oral Presentation)
- **Khanna, P.**, and Kumar, P, 2013, Characterization of Shell Concentration and Taphonomic Analysis of Maniyara Fort Formation (Oligocene) in Kutch Basin, India”, Geologic Problem Solving with Microfossils III Conference, March 2013, University of Houston, Texas USA. (Oral Presentation)
- **Khanna, P.**, and Kumar, P, 2012. ‘Characterization of Shell Concentrations of Oligocene of Kutch’, at the, ‘National level field workshop and Brainstorming session on Geology of Kachchh Basin, Western India: Present Status and Future Perspectives, at Kutch University Gujarat 26-29 January 2012. (Oral Presentation)

Skills

RMS	Agisoft 1.0 (Photogrammetry Software)	Caris Hips and Sips 7.1 (Multibeam Data Processing Software)
Adobe Illustrator	Arc G.I.S. 10.1 – advanced level	Prima (TGS Interpretation and Processing software)
Coral Draw Suit-12	Erdas 8.5	Microsoft Office

References

Jeroen Kenter	Carbonate Specialist - Total	kenter.jeroen@gmail.com
Vitor Abreu	Consultant (Past – Senior Technical Consultant – ExxonMobil)	Vitor_Abreu@yahoo.com
Steve Bachtel	Team Leader, ETC, Carbonate R&D, Chevron	Steve.Bachtel@Chevron.com
Purnima Bhowmik	Sr Geophysicist – TGS – Nopec	purnima.bhowmik@tgs.com
Andre W. Droxler	Professor – Rice University	andre@rice.edu
Paul M. Harris	Adjunct Professor Rice University (Past – Chevron)	pmitchharris@gmail.com