## APOSTOLOS KANTZAS, PhD, P.Eng

## Current Positions

|  |  |
| --- | --- |
| **Academia:** | *Professor, NSERC AITF/i-CORE Industrial Research Chair in Fundamentals of Unconventional Resources* |
|  | Department of Chemical and Petroleum Engineering,  University of Calgary, Calgary, Alberta, Canada T2L 1N4 |
|  | [akantzas@ucalgary.ca](mailto:akantzas@ucalgary.ca) |
| **Industry:** | *President and CEO* |
|  | PERM Inc., TIPM Laboratory, Bay 3, 2221 41st Avenue NE Calgary, AB T2E 6P2 |
|  | [akantzas@perminc.com](mailto:akantzas@perminc.com) |
|  | *President and CEO* |
|  | PERM Instruments Inc., Bay 3, 2221 41st Avenue NE Calgary, AB T2E 6P2 |

#### Education Record

* Diploma, Eng. in Chemical Engineering (1982), Aristotle University of Thessaloniki, Greece
* M.A.Sc. in Chemical Engineering (1985), University of Waterloo, Canada
* Ph.D. in Chemical Engineering (1988), University of Waterloo, Canada

## Professional record

* University of Calgary

Department of Chemical & Petroleum Engineering

Adjunct, January 1995; Tenure Track, April 1997 – 2000, Tenured 2000 - present

Department of Geosciences

Adjunct, March 1995 – June 2013

Professor (effective July 1, 2001)

Canada Research Chair in Energy and Imaging (July 1, 2001 – June 30, 2011)

NSERC AITF/i-CORE Industrial Research Chair in Fundamentals of Unconventional Resources (effective July 1, 2012)

* Perm Inc. (effective January 1995)

President and CEO

* Perm Instruments Inc. (January 2000 - December 2019)

President and CEO

* Laricina Energy Ltd. (October 2009 - December 2014)

External Technology Advisor

* NOVA Research & Technology Corporation, NRTC (previously, NOVA HUSKY RESEARCH CORPORATION, NHRC), Calgary, Alberta (August 1988 - January 1995)

Senior Research Engineer - (February 1990 - January 1995)

Research Engineer - (August 1988 - February 1990)

* University of Waterloo, Waterloo, Ontario (May 1983 - December 1984 (M.A.Sc.), January 1985 - August 1988 (Ph.D.))

Research Assistant

* University of Waterloo, Waterloo, Ontario (Summer 1986, Winter 1987, Summer 1987)

Special Teaching Demonstrator (Session Professor)

* University of Waterloo, Waterloo, Ontario (May 1983 to December 1987)

Teaching Assistant

* Motor Oil Hellas - Corinth Refineries, Agii Theodori, Greece (Summer 1980, Summer 1981)

Student Engineer

#### Professional Certification and Memberships in Learned Societies

Society of Petroleum Engineers of AIME

American Institute of Chemical Engineers

Canadian Society of Chemical Engineers

Canadian Well Logging Society

Society of Core Analysts

APEGGA

**Areas of Interest**

Transport Phenomena, Porous Media, Enhanced Oil Recovery, Non-Destructive Testing of Materials, Computer Assisted Tomography, Radioactive Particle Tracking, Chemical Reactor Engineering, Core Analysis, Polymers, Computer Simulation/Software Development, Magnetic Resonance Relaxometry and Imaging, Soil Remediation.

**Graduate Supervision**

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| --- | --- | --- | --- |
|  | Current | Past | Total |
| M.Sc. | 9 | 72 | 81 |
| Ph.D. | 8 | 18 | 26 |
| Co-Supervisor M.Sc. | 1 | 5 | 6 |
| Co-Supervisor Ph.D. |  | 11 | 11 |
| Total | 18 | 106 | 124 |
| PDF | 6 | 16 | 22 |

**Publication Record**

|  |  |
| --- | --- |
| Referreed Journal | 189 |
| Other Referreed | 44 |
| Conference Proceedings | 221 |
| Books/Chapters | 11 |
| Patents | 18 |
| Cited (Google Scholar) | 6603 |
| Technical Repots | 500+ |

#### Awards and Distinctions

University of Calgary, Schulich School of Engineering, Outstanding Mentorship Award, 2018.

Petroleum Society of CIM, Outstanding Service Award, 2007.

Principal Investigator, Alberta Ingenuity Centre for In-Situ Energy, 2006-2011.

Petroleum Society of CIM, Journal of Canadian Petroleum Technology 2005 Best Paper award (CIPC 2003-107), 2006.

Outstanding Technical Editor Award, Society of Petroleum Engineers, 2006.

Professor of the Year, Oil and Gas Engineering Program, Schulich School of Engineering, 2005-2006.

Best Petrophysical Paper, ICE 2004 CSPG, CHOA, CWLS Joint Conference, Calgary, 2004.

University of Calgary, Department of Chemical and Petroleum Engineering Research Award, 2004.

University of Calgary, Faculty of Graduate Studies, Outstanding Achievement in Supervision Award, 2003.

Outstanding Technical Editor Award, Society of Petroleum Engineers, 2003.

University of Calgary, Department of Chemical and Petroleum Engineering Research Award, 2003.

Co-holder of two simultaneous NSERC Strategic Project Awards.

2nd Runner-up, Best Paper Presented at the 2001 Canadian International Petroleum Conference.

Nominee for the NSERC Steacie Award, 1999, 2000.

Nominee for the Entrepreneur of the Year Award, 1999.

Nominee for the ASTEC Awards, 2001, 2002, 2011.

University of Calgary, Department of Chemical and Petroleum Engineering Research Award, 2000.

Twice awarded CFI New Opportunities Awards, 1998.

UTI Fellowship, 1997.