

(a) Professional Preparation

B.Sc.	Physical and Inorganic Chemistry	Univ. of Adelaide, South Australia	1970
B.Sc. (Hons)	Physical and Inorganic Chemistry	Univ. of Adelaide, South Australia	1971
Ph.D.	Physical and Inorganic Chemistry	Univ. of Adelaide, South Australia	1976
Sept. 1976 – April 1977	<i>Post-doctoral teaching and research fellow</i> , University of Western Ontario, London, Ontario, Canada		
April 1977 – May 1980	<i>Post-doctoral researcher and Lecturer</i> , Lawrence Berkeley Laboratory, and the Department of Materials Science and Mineral Engineering, University of California, Berkeley, respectively.		
May 1980 – Nov 1983	<i>Visiting research scientist, high voltage electron microscopy</i> , Max Planck Institute, Stuttgart, Germany		
Nov 1983 – Feb 1984	<i>Post-doctoral researcher</i> , Department of Materials Science and Mineral Engineering, University of California, Berkeley		

(b) Appointments

1995 – present	<i>Full Professor</i> , Department of Materials Science and Engineering, University of Illinois at Urbana-Champaign		
2007 -2012	<i>Affiliate Professor</i> , Department of Bioengineering		
2009 – present	<i>Affiliate Professor</i> , Department of Mechanical Science and Engineering		
1987 – 1995	<i>Associate Professor</i> , Department of Materials Science and Engineering, University of Illinois at Urbana-Champaign		
Feb 1984 – 1987	<i>Visiting Research Associate Professor</i> , Department of Ceramic Engineering, University of Illinois at Urbana-Champaign		

(c) Publications to date:

301 research publications, 56 conference proceedings, edited 27 books, 37 plenary and keynote talks, 240 invited talks, 455 conference talks, 5 patents.

(d) Research areas:

- Geopolymers and hybrid inorganic polymers for ambient temperature synthesis
- Synthesis of oxide ceramic powders by the organic steric entrapment method
- Microstructure characterization by scanning and transmission by electron microscopy (SEM, TEM, EDS, HVEM, HREM, XPS)
- *In situ*, in air high temperature (2000°C) synchrotron XRD and Rietveld studies
- Structural ceramic composites and oxide fibers (design, fabrication, characterization and mechanical evaluation)
- Martensitic phase transformations in ceramics

(e) Professional affiliations:

- Academician, World Academy of Ceramics (2004)
 - Fellow of the American Ceramic Society (1995)
 - Fellow of the Australian Ceramic Society (2009)
 - Kriven has co-edited 20 books on geopolymers to date, published by the American Ceramic Society, as Ceramic Transactions (Vols 153, 165, 175, 244) and Ceramic Engineering and Science Proceedings (Vols 26 - 40). Each year lately Kriven has been a symposium co-organizer on 3-4 international conference on geopolymers.
- Selected Publications: The Kriven group has over 70 papers on geopolymers to date.