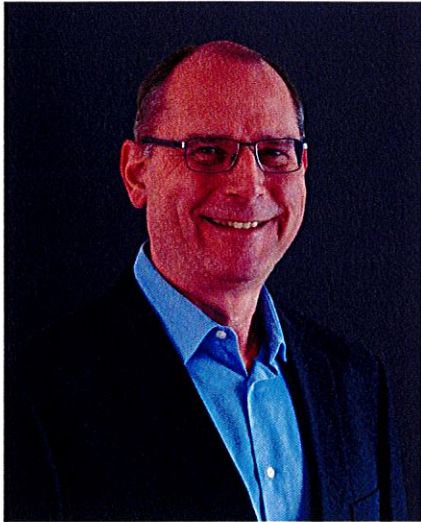


## 2019 Fellow Award



### Alain Cloutier, ing., ing.f, Ph.D.

Professor and Head  
Department of Wood and Forest Sciences  
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### Education

PhD, 1991 Wood Science, Université Laval  
BS, 1984 Forest Engineering, Université Laval

### Academic Appointments

Since 2017 Head, Department of Wood and Forest Sciences  
2002-2017 Director, Renewable Materials Research Center (CRMR)  
Since 2004 Professor, Wood composites and Wood Anatomy  
2001-2003 Associate Professor, Wood composites and Wood Anatomy  
1996-2000 Assistant Professor, Wood composites and Wood Anatomy  
1984-1991 Teaching Assistant and Research Assistant, Université Laval

### Teaching

GBO-4000/SBO-7020 Wood Anatomy and Structure  
GBO-2050 Wood-Based Panels  
GBO-2051 Wood-Based Composites  
GBO-3080 Capstone Project (Preparation)  
GBO-3090 Capstone Project

### Student and Postdoctoral Advising

Postdoctoral Associates, 9; Ph.D., 17; M.S., 17

### Research Interests

Wood anatomy, wood quality and wood properties  
Wood composites  
Wood modification

### Publications, Presentations and Research Funding

Publications:

- peer-reviewed: 130
- other: 20

Research Conference Presentations:

- 30 (FPS, SWST, and others)

### Research Grants (2010 to present):

- 14 as PI totaling \$12,905,000 CAD and 7 as co-PI totaling \$1,829,300 CAD
- Most recent funding: CLOUTIER, A and 9 others. Infrastructure to support the development of bio-based materials and building systems (*Infrastructure de support au développement de matériaux et systèmes de construction biosourcés*). Canadian Foundation for Innovation (CFI), Innovation Fund. \$3,581,145 CAD. 2017-2019.

### Professional Appointments and Memberships

- Professional Engineer in the Province of Québec, 2003-present (Member of *Ordre des ingénieurs du Québec*)
- Professional Forester in the Province of Québec, 1986 to present (Member of *Ordre des ingénieurs forestiers du Québec*)
- Fellow - International Association of Wood Science (IAWS), 2009 to present
- Vice-President, President Elect, President, Past President, Society of Wood Science and Technology, 2010-2014
- Board of Directors, Society of Wood Science and Technology, 2005-2007
- Research Scientist and Group Leader, Forintek Canada Corp., 1991-1995
- Member, SWST since 1985
- Member, FPS since 1985

### Honors / Awards

- 2013 Society of Wood Science and Technology, George Marra Award of Excellence. Second Place. For excellence in research and writing for the article "KAVAZOVIC, Z.; DETEIX, J.; FORTIN, A; CLOUTIER, A. 2012. Numerical modeling of the medium-density fiberboard hot pressing process, Part 2: Mechanical and heat and mass transfer models. *Wood Fiber Sci.* 44(3): 243-262."
- 2011 Society of Wood Science and Technology, George Marra Award of Excellence. Second Place. For excellence in research and writing for the article "KAVAZOVIC, Z.; DETEIX, J.; CLOUTIER, A.; FORTIN, A. 2010. Sensitivity study of a numerical model of heat and mass transfer involved during the medium-density fiberboard hot pressing process. *Wood Fiber Sci.* 42(2): 130-149."
- 2006 Forest Engineer of the Year (*Ingénieur forestier de l'année*) (with two others). 2005-2006. *Ordre des ingénieurs forestiers du Québec*.  
Doctorate Scholarship (*Bourse de doctorat*), Fonds FCAR, 1986-1989.  
Postgraduate Scholarship, NSERC, 1984-1986.