## 2. Faculty

Over the past 10 years the Faculty of Applied Science and Engineering has grown and evolved tremendously. In 1999, the Faculty comprised 182 academic staff - today, the Faculty is home to 230. In the last two years alone, 25 new scholars have joined our community. To learn more about faculty appointments, please visit:
www.enews.engineering.utoronto.ca/sept3/facultyappointments.html
The Faculty's leadership team also continues to evolve. In 2008-2009, three new Chairs were appointed, the Chair of First Year was re-appointed to a second three-year term, and the positions of Assistant Dean, Academic HR \& Diversity, and Associate Dean, Cross-Disciplinary Programs Office were created.

Our Faculty is the strongest in Canada and among the best in the world. Successes in international awards and honours, in competitions for research funding, and in technology transfer are highlighted in the coming chapters.

Figure 2.1

## Faculty Organizational Chart

2008-2009

| Dean |
| :--- | :--- |
| Cristina Amon |


| Director, Office of the Dean Erika Bailey | Executive Director, Advancement Vanessa Abaya | Chair, Department of Chemical Engineering and Applied Chemistry Doug Reeve | Vice-Dean, Research Stewart Aitchison |
| :---: | :---: | :---: | :---: |
| Executive Assistant to the Dean <br> Helen Ntoukas | Associate Director, Communications Kate Brand | Chair, Department of Civil Engineering Brenda McCabe | Vice-Dean, Undergraduate Studies Grant Allen |
| Assistant Dean, Academic HR \& Diversity <br> Lisa Simpson-Camilleri | Director, Awards \& Honours Carolyn Farrell | Chair, The Edward S. Rogers Sr. Department of Electrical \& Computer Engineering Farid Najm | Associate Dean, CrossDisciplinary Programs Bryan Karney |
|  | Chief Administrative Officer Catherine Gagne | Chair, Department of Materials Science \& Engineering Jun Nogami | Vice-Dean, Graduate Studies Chris Damaren |
|  | Faculty Registrar Barbara McCann | Chair, Department of Mechanical \& Industrial Engineering Jean Zu | Chair, First Year Susan McCahan |
|  |  | Director, Institute for Aerospace Studies David Zingg |  |
|  |  | Director, Institute of Biomaterials \& Biomedical Engineering Paul Santerre |  |
|  |  | Chair, Division of Engineering Science Will Cluett |  |
|  |  | Chair, Division of Environmental Engineering \& Energy Systems Bryan Karney |  |

Note: In 2008-2009 new Chairs were appointed in ECE, MSE and MIE, the Director of IBBME was appointed in September 2008, and the Chair, First Year was reappointed to a second three-year term. Two positions were redefined in the decanal portfolio in 2008-2009, including the Associate Dean, Cross-Disciplinary Programs, and the Assistant Dean, Academic HR \& Diversity. In the past three years, two administrative positions were added, including the Associate Director, Communications and Director, Awards \& Honours. In 2009, we partnered with the U of T School of Continuing Studies to deliver our Professional Development Centre (PDC) courses.

Figure 2.2
Academic Administrative Faculty Roles 2000-2009


Note: (1) Associate Dean, Cross-Disciplinary Programs is a position created in 2009. (2) Merged with Civil Engineering in 2005. (3) Formerly the Division of Environmental Engineering, 1995 to 2005. (*) Indicates Interim Position.

Figure 2.3a

Total Academic Staff by Academic Area 1999-2000 to 2008-2009


1999-00


Figure 2.3b
Total Academic Staff by Academic Area and Position 1999-2000 to 2008-2009

|  |  | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ChemE | Assistant Prof | 5 | 5 | 4 | 2 | 1 | 1 | 2 | 4 | 5 | 5 |
|  | Associate Prof | 7 | 7 | 5 | 5 | 6 | 6 | 2 | 3 | 3 | 3 |
|  | Professors | 19 | 19 | 22 | 23 | 24 | 22 | 22 | 22 | 20 | 17 |
|  | Lecturers | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 6 |
| CivE | Assistant Prof | 5 | 6 | 9 | 9 | 9 | 8 | 7 | 11 | 8 | 6 |
|  | Associate Prof | 6 | 7 | 6 | 5 | 7 | 9 | 9 | 6 | 10 | 12 |
|  | Professors | 15 | 15 | 15 | 17 | 17 | 18 | 19 | 15 | 15 | 15 |
|  | Lecturers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| ECE | Assistant Prof | 9 | 15 | 23 | 27 | 30 | 35 | 28 | 25 | 18 | 10 |
|  | Associate Prof | 11 | 10 | 5 | 4 | 9 | 9 | 14 | 15 | 22 | 25 |
|  | Professors | 27 | 28 | 35 | 37 | 35 | 32 | 30 | 30 | 25 | 30 |
|  | Lecturers | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 5 | 4 | 4 |
| MIE | Assistant Prof | 7 | 7 | 5 | 5 | 6 | 10 | 10 | 13 | 14 | 13 |
|  | Associate Prof | 9 | 8 | 6 | 7 | 7 | 7 | 5 | 6 | 7 | 8 |
|  | Professors | 25 | 24 | 27 | 27 | 26 | 26 | 24 | 24 | 23 | 26 |
|  | Lecturers | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 |
| MSE | Assistant Prof | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 |
|  | Associate Prof | 5 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 2 |
|  | Professors | 11 | 11 | 11 | 11 | 9 | 10 | 10 | 9 | 10 | 10 |
|  | Lecturers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UTIAS | Assistant Prof | 1 | 1 | 2 | 2 | 5 | 4 | 4 | 4 | 4 | 4 |
|  | Associate Prof | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 5 |
|  | Professors | 12 | 12 | 12 | 13 | 12 | 10 | 10 | 10 | 9 | 6 |
|  | Lecturers | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 |
| IBBME | Assistant Prof | 1 | 1 | 3 | 4 | 5 | 4 | 3 | 3 | 3 | 6 |
|  | Associate Prof | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 3 | 3 |
|  | Professors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
|  | Lecturers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP \& EngSci | Lecturers | - | - | - | - | - | - | - | 5 | 5 | 6 |
| Total |  | 183 | 187 | 203 | 212 | 221 | 227 | 220 | 225 | 226 | 231 |

[^0]Figure 2.4
Licensure of Faculty by Professional Engineers Ontario 2005-2009


This past year Professional Engineers of Ontario (PEO) introduced a Specific Scope License as an alternative to the PEng for faculty without an undergraduate degree in Engineering, but who are active in research and teaching Engineering Science and Engineering Design courses. We have worked with PEO to facilitate applications by our faculty for both the PEng and Specific Scope Licenses with great success. In Spring 2009, 54 faculty members wrote the Professional Practice Examination which will allow them to qualify for either license. This allows us to have more than $92 \%$ of our faculty licensed in the near future.

[^1]
[^0]:    Note: Number of lecturers from ECP and EngSci is unavailable prior to 2006-2007. Please see Appendix for further analysis of academic staff.

[^1]:    Note: Percentage Potential is comprised of all licensed faculty, plus those who have applied for a license (PEng or Specific Scope).

