

## 1998 EXAMINATIONS—SUCCESSFUL CANDIDATES

Examinations for Parts 3B, 4A, 4B, 5A, 5B, 6, 8-United States, 8-Canada, and 10 of the Casualty Actuarial Society were held on May 4, 5, 6, 7, and 8, 1998. Examinations for Parts 3B, 4A, 4B, 5A, 5B, 7-United States, 7-Canada, and 9 of the Casualty Actuarial Society were held on October 26, 27, 28, and 29, 1998.

Examinations for Parts 1, 2, 3A, and 3C (SOA courses 100, 110, 120, and 135, respectively) are jointly sponsored by the Casualty Actuarial Society and the Society of Actuaries. Parts 1 and 2 were given in February, May, and November 1998, and Parts 3A and 3C were given in May and November of 1998. Candidates who were successful on these examinations were listed in joint releases of the two Societies.

The Casualty Actuarial Society and the Society of Actuaries jointly awarded prizes to the undergraduates ranking the highest on the Part 1 CAS Examination.

For the February 1998 Part 1 CAS Examination, the \$200 first prize winners were: Yue Che Lau, University of Michigan; Van Khanh Le, Ohio State University; and Christina Szu-Hung Liu, Simon Fraser University. The \$100 second prize winners were Kin Lun Choi, Columbia University and Michael Kayne McDermid, University of Manitoba.

For the Spring 1998 Part 1 CAS Examination, the \$200 first prize winner was Yi Jing, University of Science and Technology. The \$100 second prize winners were: Stephen R. Griscom, Princeton University; Heng Li, Peking University; Jun Li, Peking University; Chi S. Liu, The University of Hong Kong; and Anping Wang, University of Science and Technology.

For the Fall 1998 Part 1 CAS Examination, the \$200 first prize winners were Ming Cheung Choi, The University of Hong Kong; and Dong Jun Hua, Renmin University. The \$100 second prize winners were: Vincent Chen, University of Western Ontario; Yiu Wai Choy, University of Hong Kong; Jeong-Suk Im, Korea Uni-

versity; Xiao Dong Luo, Renmin University; and Chunping Wei, University of Science & Technology of China.

The following candidates were admitted as Fellows and Associates at the 1998 CAS Spring Meeting in May. By passing Fall 1997 CAS examinations, these candidates successfully fulfilled the Society requirements for Fellowship or Associateship designations.

## NEW FELLOWS

Michael K. Curry	Man-Gyu Hur	David Molyneux
Elizabeth B. DePaolo	Andre L'Esperance	Vinay Nadkarni
Steven T. Harr	Steven W. Larson	William Peter
Daniel F. Henke	Christina Link	John S. Peters
Thomas G. Hess	Michael K. McCutchan	Michael D. Price
Marie-Josée Huard	Thomas S. McIntyre	Michael J. Steward II

## NEW ASSOCIATES

Mustafa Bin Ahmad	Loren R. Danielson	Daniel Eli Greer
Nancy S. Allen	Timothy A. Davis	David J. Gronski
Wendy L. Artecona	Brian H. Deephouse	Eric C. Hassel
Carl X. Ashenbrenner	Nancy K. DeGelleke	Christopher R. Heim
David S. Atkinson	Michael B. Delvaux	Chad A. Henemyer
Craig V. Avitabile	Karen D. Derstine	Melissa K. Higgins
Phillip W. Banet	Sara P. Drexler	Tina T. Huynh
Emmanuel Bardis	Tammi B. Dulberger	Susan E. Innes
Michael W. Barlow	Francois R. Dumontet	Claudine H. Kazanecki
Gina S. Binder	Mark Kelly Edmunds	Kelly Martin Kingston
Kevin M. Bingham	Brian A. Evans	James D. Kunce
James D. Buntine	Stephen C. Fiete	Carl Lambert
Alan Burns	Sarah J. Fore	Hugues Laquerre
Hayden Burrus	Mauricio Freyre	Dennis H. Lawton
Thomas J. Chisholm	Timothy J. Friers	Manuel Alberto T. Leal
Wanchin W. Chou	Bernard H. Gilden	David Leblanc-Simard
Christopher W. Cooney	Sanjay Godhwani	Bradley R. LeBlond
Jonathan S. Curlee	Daniel Cyrus Greer	Glen A. Leibowitz

Craig A. Levitz	Glen-Roberts	Karrie L. Swanson
John N. Levy	Pitruzzello	Rachel R. Tallarini
Shiu-Shiung Lin	Christopher D. Randall	Varsha A. Tantri
Victoria S. Lusk	Hany Rifai	Glenda O. Tennis
Allen S. Lynch Jr.	Brad E. Rigotty	Laura L. Thorne
Stephen J. McAnena	Karen L. Rivara	Beth S. Tropp
Jennifer A. McCurry	Rebecca L. Roever	Kris D. Troyer
Mark Z. McGill III	Nathan W. Root	Turgay F. Turnacioglu
David P. Moore	Kimberly R. Rosen	Leslie A. Vernon
Jennifer A. Moseley	Richard A.	Kyle J. Vrieze
Ethan Mowry	Rosengarten	Matthew J. Wasta
Jarow G. Myers	Seth A. Ruff	Lynne K. Wehmueller
Seth W. Myers	Brian C. Ryder	Christopher B. Wei
Kari A. Nicholson	James C. Sandor	Scott Werfel
John E. Noble	Gary F. Scherer	Dean A. Westpfahl
Jason M. Nonis	Nathan A. Schwartz	Thomas J. White
Corine Nutting	Steven G. Searle	Vanessa C. Whitlam-
Jean-François Ouellet	Meyer Shields	Jones
Kathryn A. Owsiany	Aviva Shneider	Kendall P. Williams
Pierre Parenteau	Alastair Shore	Yoke Wai Wong
M. Charles Parsons	Matthew R. Sondag	Linda Yang
Jeremy P. Pecora	Benoit St-Aubin	
Richard M. Pilotte	Joy M. Suh	

The following candidates successfully completed the Parts of the Spring 1998 CAS Examinations that were held in May.

*Part 3B*

Sajjad Ahmad	Lisa N. Guglietti	Peter Latshaw
Jennifer A.	Milton G. Hickman	Tak Yam Lee
Andrzejewski	Carole K. L. Ho	Linda L. Maier
Veronique Bouchard	Debra Hudson	Kevin P. McClanahan
Ryan M. Diehl	Vibha N. Jayasinghe	Ryan A. Michel
Jonathan Palmer Evans	Brian B. Johnson	Suzanne A. Mills
Genevieve Garon	David R. Kennerud	Gilbert Ouellet

Jorge E. Pizarro	Michael A. Sce	Dennis R. Unver
Carmilla T. Rivera	James M. Smieszkal	John Wong

*Part 4A*

Josh A. Abrams	Daisy L. Chu	Jennifer T. Grimes
Keith P. Allen	Glenn A. Colby	John W. Grove
Catherine Ambrozewicz	Jeanne L. Connolly	Manuel S. Guerra Jr.
Vagif Amstislavskiy	Thomas Cosenza	Serhat Guven
Brian D. Archdeacon	Helene Crovatto	Edward Kofi Gyampo
Farid Aziz Ibrahim	Michael B. Cunningham	Rena Hartstein
Kris Bagchi	Aaron T. Cushing	Gary M. Harvey
Damian T. Bailey	Jacek Czajkowski	Shrinivas Havaladar
Grazyna A. Bajorska	David W. Dahlen	Joshua E. Hedgecorth
Daniel Bar-Yaacov	Lucia De Carvalho	Todd H. Hoivik
John M. Barish	Donna K. DiBiao	Douglas Bruce Homer
Mark Belasco	Brian M. Donlan	Hyunpyo Hong
Richard J. Bell III	Tomer Eilam	David J. Horn Jr.
Jeremy T. Benson	Malika El Kacemi	Gerald K. Howard
Jonathan P. Berenbom	Jessica L. Elsinger	Chih-Che Hsiao
Mark W. Bingener	Melissa M. Emmendorfer	Todd D. Hubal
Neil M. Bodoff	Tricia L. Evans	Elizabeth J. Hudson
Nebojsa Bojer	Matthew B. Feldman	Craig D. Isaacs
Kevin E. Branson	Sean W. Fisher	Katherine Jacques
Melissa L. Brewer	Joshua L. Fishman	William T. Jarman
Elaine K. Brunner	Feifei Ford	David B. Johnson
Scott T. Bruns	Jeffrey J. Fratantaro	Erik A. Johnson
Christopher R. Burgess	James M. Gallagher	Jason A. Jones
Sarah Burns	Angelito P. Garcia	Jason C. Jones
Lori Casey	Michael P. Gibson	Linda M. Kane
Matthew J. Cavanaugh	Matthew J. Gillette	John B. Kelly
Raji H. Chadarevian	William G. Golush	David R. Kennerud
Hao Chai	Linda Grand	Susanlisa Kessler
Kevin K. W. Chan	Christa Green	Chung-Hun Kim
Zoe Cheung		Ziv Kimmel
		Brant L. Kizer

Scott M. Klabacha	Kenneth J. Martinez	Anand D. Shah
Linda S. Klenk	Christopher M.	Yipei Shen
Steve C. Klingemann	Maydak	Jimmy Shkolyar
Perry A. Klingman	John R. McCollough	Chayanna Siripirom
John E. Kollar	Stephane McGee	Jared M. Skowron
Andrew M. Koren	Karen J. McKenna	Benjamin R. Specht
Anand S. Kulkarni	Michael E. McKeon	Bryan V. Spero
Charles B. Kullmann	Charles A. Metzger	Alexandra R. St-Onge
Gregory Kushnir	Camilo Mohipp	Esperanza Stephens
David J. Kwak	Celso M. Moreira	Shelley A. Stone
Ting Kwok	Craig S. Mosher	Stuart C. Strauss
James A. Landgrebe	Sherry L. Mueller	Ju-Young Suh
Nancy E. Lanier	Matthew D. Myshrall	Barbara Sylvain
Michael A. Lardis	Christopher A. Najim	Jonas F. Thisner
Michael L. Laufer	Shannon P. Newman	Malgorzata Timberg
Damon T. Lay	Vuong V. Nguyen	Lori S. Tinsley
Doris Lee	Carlos E. Nunez	Melissa K. Trost
Patricia Lee	James P. O'Donovan	Salvatore M. Tucci
Stuart Saiwah Lee	Nathalie Payette	Stephen H. Underhill
Daniel Leff	Sue L. Poduska	William D. Van Dyke
Antoine Letourneau	Robert R. P. Pouliot	Karen L. VanCleave
Monika Lietz	Anatoly Raklyar	Jennifer A. Vezza
Herman Lim	Arthur R. Randolph II	Brian A. Viscusi
Kenneth Lin	Bruce A. Redmond	Peter R. Vita
Enkuei Liu	Charity A. Rieck	Kate L. Walsh
Xiaoqing Iris Liu	Joseph L. Rizzo	David J. Watson
Wan Li Lu	Paul J. Rostand	Thomas E. Weist
Yu-ping Lu	Hal D. Rubin	Andrew T. Wiest
Dan Mahamah	Nichole M. Runnels	Duanne A. Willis
Jaclyn B. Maher	Gary R. Russell	Kelvin K. Yau
Lynn C. Malloney	Vickie J. Scherr	Xiangfei Zeng
Roy M. Markham	Thomas W. Schroeder	
Peter K. Markiewicz	Elizabeth M. Scott	

*Part 4B*

Kedar Mulgund	Fatima E. Cadle	Michael J. Davis
Rizwan Abdul Aziz	Lianhe Cai	Michael S. Deckert
Faisal Ahmed	Isabelle Carignan	Douglas L. Dee
Rhonda K. Ahrens	Hao Chai	Katarzyna Deja
Adebowale O. Ajayi	Yanick Chainey	Peter R. DeMallie
Sami Alajaji	Chi Wai Chak	Patrick De Roy
Emilie Alary	Gavin Brent Chambers	Patrice Denis
Richard T. Alden	Alice Y. H. Chan	Robert E. Dennison
Michel D. Allain	Beda Chan	Steven M. Dersom
Brian M. Ancharski	Ming Yan Judith M. Y.	Mark R. Desrochers
Pang S. Annie	Chan	Marie Des Roches
Venessa L. Archibald	Eric Charron	Benjamin Diederich
Stephane Arvanitis	Sanjeev Chaudhuri	Nilesh O. Dihora
Keith C. Bailey	Frank H. Chechel	Panagiotis D.
Martin Bauer	Tzu-Ling Chen	Dimitriou
Stephen H. Beal	Henrietta H. Cheng	Jerome Dionne
Jennifer A. Beattie	Tsui-Hsien J. Chien	Peter C. Dolan
Esther Becker	Allison H. Chu	Crisanto A. Dorado
Brian R. Bedwell	Chia-Chun Chu	Courtney A. Dubbs
Eve Belmonte	Hannung Chu	Philippe Dunn
Martine Bergeron	Kam I. Chu	Melanie Dupont
Robert Bhatia	Peggy P. Chung	Ponniiah Elancheran
Steve P. Binioris	Benjamin W. Clark	Daniel Ezer
Mike Bishop	Jacques Cloutier	Lily H. Fang
Neil M. Bodoff	Nathalie Cloutier	Chad A. Fix
Jean-Philippe Boucher	Eliezer Cohen	Susan C. Flynn
John R. Bower	Sanford K. Cohn	David E. Forbes
Michelle S. Brandel	Robert J. Collingwood	Tamasin S. Ford
Roman T. Brewka	Larry Kevin Conlee	Michel Fournier
Chris Brisebois	Patrick Corbin	Pamela A. Franz
Peter A. Brot	Carmen Csillag	Timothy C. French
Elaine K. Brunner	Wangling Cui	Michael J. Gaal
Cheryl R. Burrows	Arthur D. Cummings	Patrice Gaillardetz
Lori L. Burton	Alan D. Dang	Alan R. Gard

Stuart G. Gelbwasser	Changki Kim	David Grant Lim
Lyna Gendron	Jinney Kim	Karina G. Limsico
Mark B. Gengenbach	Yong Woon Kim	Hong Lin
William J. Gerhardt	Youngsoon Kim	Hsu-feng Lin
Guy Gignac	Yevgeniy Kirichenko	Liqian Lin
David Patrick Glenn	Jeff A. Kluck	Su-Hua Lin
Jio Young Goh	Robert A. Koth	Caroline D. Liu
Joseph E. Goldman	Vasileios Koutsaftis	Kathleen T. Logue
William G. Golush	Vincent C. Kozlowski	Xue Qing Lu
Christopher Groendyke	Matthew R. Kucz waj	Yu-ping Lu
Andrew J. Haider	Jennifer M. Kuehl	Yann Lussier
Genevieve Hebert	Karen M. Kulchyski	Lee-Shing Ma
Matthew T. Henry	Edward Kuo	Kevin B. Mahoney
Patrick Henry	Mun-Bin Kuo	Grigoriy Makarov
Susan K. Himmelman	Kevin K. Kwok	Gregory N. Malone
Molly K. Hitzges	Eric Kwong	Neil P. Manning
Craig D. Holcomb	Martin Labelle	Tousignant Marjorie
Xiaoyan Hu	Philippe Lagace	Zinoviy Mazo
Todd D. Hubal	Crystal King Hang	Brendan S. McCallum
Phillipe Hudon	Lam	Stephane McGee
Shyh-ho Hung	David Larsen	Pantelis N.
Syed T. Hussain	Hans H. Larsen	Messolonghitis
Elena Ilina	Louise Lavoie	Bryan D. Miller
Pak Chung Ip	Sandrine Leard	Mickey Moon
Vladimir Y. Itkin	Francis Letourneau	Harker D. Moor
Alain Jacob	Julia Leung	Edward M. Moore
Jennifer J. Janvrin	Brigitte Levasseur	Dean E. Murray
Lynda E. Jeffs	Daniel A. Levin	Jordan E. Muse
Suman Jiwani	Amanda M. Levinson	Marie-Noelle Nadeau
William R. Johnson	Hayden Anthony	Darren J. Nakanishi
Vartivar Joukakelian	Lewis	Simon J. Nelson
Barbara L. Kanigowski	Guodong Li	Brent S. Neville
Eric A. Keener	Haidong Li	Richard U. Newell
Brennan D. Kennedy	Harold H. Li	Lester M. Y. Ng
Sean M. Kennedy	Jiun-tai Li	Sean R. Nimm
Susanlisa Kessler	Matthew A. Lillegard	Patricia Nols

Lauree J. Nuccio	Nicolas Rochon	Travis R. Smith
Roger S. Offerman	Robert C. Roddy	Anthony A. Solak
Robert Scott Otchere- Sarfo Jr.	Ian R. Roke	Scott W. Spencer
Eric P. Palmer	Kevin D. Roll	Natalie St-Jean
Johan Pao	Charles A. Romberger	Karine St-Onge
Claude Paquette	Scott I. Rosenthal	Owen J. Stein
Andrea L. Pass	Ryan S. Rowland	Steven J. Stender
Kathryn L. Pate	Normand Roy	Michael D. Stephens
Craig F. Pedersen	Zahid R. Salman	Julia M. Stetter
Marc Pelletier	Mita B. Sandilya	Karen M. Strand
Matthew J. Perkins	Ashu Sarna	Lisa D. Strobel
Elissa D. Perl	Lori R. Satov	Thomas J. Stypla
François Perrier	Andrew J. Schafer	Yu-Fan Su
David J. Petruzzellis	Laurie Schlenkermann	Brett M. Swenson
Terry C. Pfeifer	Mindy B. Schmitz	Erica W. Szeto
Jeffrey J. Pfluger	Deborah A. Schultz	John T. C. Tan
Brian S. Piccolo	Darrel W. Senior	Kok-How Tan
Troy S. Podraza	Scott A. Shaddick	Neeza Thandi
Peter V. Polanskyj	Syed Afzal A. Shah	Jean-François Therrien
Sean E. Porreca	Naixiu Shen	Colin A. Thompson
Gregory T. Preble	Yipei Shen	John J. Thompson
David Previte	Osman A. Shirwany	Christopher S. Throckmorton
Christopher M. C. Pun	Zandria Sia	Daniel J. Towriss
Amy M. Quinn	Jose David Siberon	Katie Trahan
Melanie Quintin	Kenneth L. Sidikman	Catherine Tremblay
Carl T. Rajendram	Gregory J. Sikora	Mathiew Tremblay
Leonid Rasin	Stuart H. Silverman	Rejean Tremblay
Dean R. Reigner	Frederic Simard	Jean-Pierre Tremblay- Canuel
Shanour Remtoulah	Marc-Andre Simard	Tammy Truong
Isabelle Renaud	Nicolas Sirois	Huan P. Tseng
Franklin W. Reynolds	Elizabeth C. Skiba	Chung Y. Um
Joann C. Ribar	Walter J. Slobojun	Valerio Valenti
Keith J. Richtik	James M. Smieszkal	William D. Van Dyke
Benoit Robert	Clarissa L. Smith	Carole Vincent
Ezra J. Robison	Jodi Smith	
	Richard C. Smith	



James I. Voelker	Giak Diang Tan Wong	Eng Kim Yeoh
Youcheng Wei	Ha Kion Wong	Sung G. Yim
Mark Weinblatt	Randall C. Wright	Derek Yokota
Lisa M. Weir	Scott E. Wright	Hamilton Yuen
Barbara Wiesler	Mihoko Yamazoe	Kam Chuen Yuen
Paul G. Winnett	Esther Y. Yang	King Shing Yung
Julia Lynn Wirch	Huey Wen Yang	Michael R. Zarembor
Jon A. Wirkkula	Davout Yean	Xiangfei Zeng
Ann Min-Sze Wong	Pai-Hung Yeh	Wendy Zicari

*Part 5A*

Muhammad Munawar	Neil P. Gibbons	Brian S. Piccolo
Ali	Christie L. Gilbert	Shing Chi Poon
Kevin J. Atinsky	Bradley G. Gipson	Michael J. Quigley
Stevan S. Baloski	Natasha C. Gonzalez	Ricardo A. Ramotar
Tony F. Bloemer	Matthew R. Gorrell	Joe Reschini
Lee M. Bowron	Chantal Guillemette	Choya A. Robinson
Jennifer P. Capute	Edward Kofi Gyampo	Ronald J. Robinson
Patrick J. Causgrove	Hans Heldner	Richard R. Sims
Brian J. Cefola	Scott E. Henck	Adam D. Swope
Louise Chung-Chum-	Daniel D. Heyer	Eric D. Telhiard
Lam	Xiaohu Jiang	Craig Tien
Jeffrey A. Clements	John J. Karwath	Andy K. Tran
Leanne M. Cornell	Karen A. Kosiba	Andrea E. Trimble
Richard R. Crabb	Rocky S. Latronica	Brian K. Turner
Mary Katherine T.	Karen J. Lee	Lawrence A. Vann
Dardis	Shangjing Li	Youcheng Wei
Donna K. DiBiaso	Dengxing Lin	Daniel Westcott
Crisanto A. Dorado	Jin Liu	Paul D. Wilbert
Nathalie Dufresne	Martin Menard	Dana L. Winkler
Rebecca E. Freitag	William S. Ober	Philip Wong
Graham S. Gersdorff	Jill E. Peppers	Huey Wen Yang

*Part 5B*

Leah C. Adams	Dawn Marie S. Happ	Jeff D. Paggi
Faisal Ahmed	Richard A. Haugen	Jorge E. Pizarro
Michael L. Alfred	Hans Heldner	Aaron N. Prisco
Brian M. Ancharski	Daniel D. Heyer	Charity A. Rieck
Pamela G. Anderson	Mark D. Heyne	Erica L. Riggs
Anju Arora	Wendy L.	Choya A. Robinson
Nancy A. Ashmore	Hopfensperger	Ezra J. Robison
John D. Back	Candace Yolande	Gail S. Rohrbach-Fink
Pranav D. Badheka	Howell	Benjamin G.
Kris Bagchi	Mohammad A.	Rosenblum
Benjamin Beckman	Hussain	Richard R. Ross
Toby Layne	Mohamad H. Ibrahim	Jennifer L. Rupprecht
Bennington	Craig D. Isaacs	Tammy L. Schwartz
Sarah J. Billings	William T. Jarman	Mandy M. Y. Seto
Neil M. Bodoff	Erik A. Johnson	Paul Silberbush
Alison S. Carter	Jason A. Jones	Summer L. Sipes
Kin Lun Choi	Julie A. Jordan	Clarissa L. Smith
Michael B.	Betsy J. Koestler	Neeza Thandi
Cunningham	Ting Kwok	Nicole C. Tillyer
Peter R. DeMallie	Julie-Linda LaForce	Dominic A. Tocci
David E. Dela Cruz	Peta Lewin	Raymond D. Trogdon
Brian Elliott	Carrie L. Lewis	Michael S. Uchiyama
Kyle A. Falconbury	James W. Mann	Stephen H. Underhill
Elizabeth J. Fethkenher	Luis S. Marques	Karen L. VanCleave
Jeffrey R. Fleischer	Kevin P. McClanahan	Karl C. Von Brockdorff
Mark T. Ford	Isaac Merchant	Tice R. Walker
Teresa M. Fox	Deborah Ann Mergens	Robert J. Wallace
Rebecca E. Freitag	Vadim Y. Mezhebovsky	Joseph C. Wenc
Dustin W. Gary	Ross H. Michehl	So Fun Wong
Michael L. Gish	Kathleen M. Miller	Joshua C. Worsham
Stephanie A.	Celso M. Moreira	Mihoko Yamazoe
Groharing	Matthew E. Morin	Jacinthe Yelle
Serhat Guven	Matthew D. Myshrall	David Zambo
Rebecca N. Hai	John F. Pagano	Lianmin Zhou

*Part 6*

Jason R. Abrams	David C. Brueckman	Jonathan M. Deutsch
Michael B. Adams	Robert J. Brunson	Timothy M. DiLellio
Jodie Marie Agan	Paul E. Budde	Christopher A. Donahue
Stephen A. Alexander	John C. Burkett	Gregory L. Dunn
Genevieve L. Allen	Derek D. Burkhalter	Louis Christian Dupuis
Scott J. Altstadt	Matthew R. Carrier	Sophie Duval
Silvia J. Alvarez	Nathalie Charbonneau	Carolyn F. Edmunds
Denise M. Ambrogio	Patrick J. Charles	Jane Eichmann
Gwendolyn Lilly Anderson	Todd D. Cheema	James R. Elicker
Kevin L. Anderson	Yvonne Wai Ying Cheng	Keith A. Engelbrecht
Mary K. Anderson	Kin Lun Choi	Greg J. Engl
Jonathan L. Ankney	Andrew K. Chu	Tricia G. English
Michele S. Arndt	Bernadette M. Chvoy	Laura A. Esboldt
Richard T. Arnold	Susan M. Cleaver	Juan Espadas
Afrouz Assadian	Eric J. Clymer	Weishu Fan
Peter Attanasio	Carolyn J. Coe	Solomon Carlos Feinberg
Robert D. Bachler	Christian J. Coleianne	Kenneth D. Fikes
Maura Curran Baker	Helaina I. Connelly	Janine A. Finan
John L. Baldan	Peter J. Cooper	William M. Finn
Patrick Barbeau	Kiera E. Cope	Donia N. Freese
Linda S. Baum	Kevin A. Cormier	Michelle L. Freitag
Patrick Beaudoin	Sharon R. Corrigan	Rosemary D. Gabriel
Marie-Eve J. Belanger	Tina M. Costantino	Serge Gagne
David J. Belany	Jeffrey A. Courchene	Martine Gagnon
Jason E. Berkey	Spencer L. Coyle	Cynthia Galvin
Ellen A. Berning	Hall D. Crowder	Donald M. Gambardella
Penelope A. Bierbaum	David F. Dahl	Anne M. Garside
David M. Biewer	John E. Daniel	Ellen M. Gavin
Mary Denise Boarman	Robert E. Davis	Amy L. Gebauer
Christopher D. Bohn	Stephanie A. DeLuca	Hannah Gee
Veronique Bouchard	Alain P. DesChatelets	Charles E. Gegax
Erick A. Brandt	Jean-François Desrochers	
Jeremy James Brigham		

Justin G. Gensler	Terrie L. Howard	Borwen Lee
Keith R. Gentile	Carol I. Humphrey	Wendy R. Leferson
Rainer Germann	Christopher W. Hurst	James P. Leise
Patrick J. Gilhool	Scott R. Hurt	Christian Lemay
Bradley G. Gipson	Rusty A. Husted	W. Scott Lennox
Todd B. Glassman	Philip M. Imm	Brendan M. Leonard
Joseph E. Goldman	Michael S. Jarmusik	Diane Lesage-Cantin
Stacey C. Gotham	Weidong Wayne Jiang	Sharon Xiaoyin Li
Stephanie A. Gould	Charles B. Jin	Xiaoying Liang
Elizabeth A. Grande	Philippe Jodin	Joshua Y. Ligosky
Joseph P. Greenwood	Paul J. Johnson	Dengxing Lin
Mark R. Greenwood	Shantelle A. Johnson	Jing Liu
Francis X. Gribbon	Susan K. Johnston	Erik F. Livingston
Rebecca N. Hai	Steven M. Jokerst	Richard P. Lonardo
Brian T. Hanrahan	Bryon R. Jones	Aviva Lubin
Dawn Marie S. Happ	Mark C. Jones	Jason K. Machtinger
Elaine M. Harbus	Dana F. Joseph	John T. Maher
Harry K. Hariharan	Daniel R. Kamen	Atul Malhotra
Michael S. Harrington	Mary Jo Kannon	Joshua N. Mandell
Jeffery T. Hay	Stacey M. Kidd	Richard J. Manship
Qing He	Jeffrey D. Kimble	Albert Maroun
James A. Heer	Jill E. Kirby	Stephen P. Marsden
Kristina S. Heer	Susan L. Klein	Victor Mata
James D. Heidt	Steven T. Knight	James J. Matusiak Jr.
Kandace A. Heiser	Scott C. Kurban	David M. Maurer
Kevin B. Held	Isabelle LaPalme	Laura S. McAnena
Deborah L. Herman	Douglas H. Lacoss	Timothy L. McCarthy
Amy L. Hicks	Ravikumar	Ian J. McCracken
Glenn R. Hiltbold	Lakshminarayan	Jennifer A. McGrath
Kurt D. Hines	Chingyee Teresa Lam	Smith W. McKee
Marcy R. Hirner	Stephen J. Langlois	Mitchel Merberg
Patricia A. Hladun	Travis J. Lappe	Ryan A. Michel
Brook A. Hoffman	Jean-François	Rebecca E. Miller
Richard M. Holtz	Larochelle	Scott A. Miller
Kaylie Horning	Aaron M. Larson	Ain H. Milner
Melissa K. Houck	Khanh M. Le	Matthew K. Moran

Christian Morency	Mary Elizabeth	Anya K. Sri-Skanda-
John V. Mulhall	Reading	Rajah
Loren J. Nickel	Sara Reinmann	Laura B. Stein
Sean R. Nimm	Teresa M. Reis	Gary A. Sudbeck
Sylvain Nolet	Brian E. Rhoads	Edward Sypher
Brett M. Nunes	David C. Riek	Stephen J. Talley
Randall W. Oja	Stephen D. Riihimaki	Josephine L. C. Tan
Sheri L. Oleshko	Arnie W. Rippener	Michel Theberge
Helen S. Oliveto	Delia E. Roberts	Tanya K. Thielman
Michael A. Onofrietti	Kathleen F. Robinson	Robert M. Thomas II
Rodrick R. Osborn	Brian P. Rucci	Gary S. Traicoff
Matthew R. Ostiguy	Bryant E. Russell	Michael C. Tranfaglia
Apryle L. Oswald	Frederick D. Ryan	John D. Trauffer
Chad M. Ott	Salimah H. Samji	Nathalie Tremblay
Robert A. Painter	Rachel Samoil	Kieh Treavor Ty
Cosimo Pantaleo	Michelle L. Sands	David Uhland
Moshe C. Pascher	James C. Santo	Matthew L. Uhoda
Lorie A. Pate	Frances G. Sarrel	Joel A. Vaag
Prabha Pattabiraman	Jeremy N. Scharnick	Jennifer L. Vadney
Michael T. Patterson	Jennifer A. Scher	Richard A. Van Dyke
Wendy W. Peng	Daniel David	Justin M. Van Opdorp
Robert B. Penwick	Schlemmer	Steven J. Vercellini
Sylvain Perrier	David B. Schofield	Mark A. Verheyen
Christopher K. Perry	Jeffery W. Scholl	Linda M. Waite
Kevin T. Peterson	Jonathan A. Schriber	Amy R. Waldhauer
Kraig P. Peterson	Ronald J. Schuler	Kristie L. Walker
Michael R. Petrarca	Kelvin B. Sederburg	Keith A. Walsh
Andrea L. Phillips	Vladimir Shander	Shaun S. Wang
Kristin S. Piltzecker	Scott A. Sheldon	Victoria K. Ward
Donna M. Pinetti	Kelli D. Shepard-El	David W. Warren
Frank P. Pittner	Michelle L. Sheppard	Wade T. Warriner
Dylan P. Place	Maria Shlyankevich	Kelly M. Weber
Jayne L. Plunkett	Joseph A. Smalley	Chris J. Westermeyer
Sean E. Porreca	Lora L. Smith-Sarfo	William B. Westrate
Brentley J. Radeloff	John H. Soutar	Matthew M. White
Leonid Rasin	Michael D. Sowka	L. Alicia Williams

Robin Davis Williams	Jeffrey S. Wood	Jimmy L. Wright
Amy M. Wixon	Jonathan S. Woodruff	Yin Zhang
Karin H. Wohlgemuth	Scott M. Woomer	Steven B. Zielke

*Part 8—Canada*

Martin Carrier	Philippe Gosselin	Shawn Allan
Christopher William Cooney	Patrice Jean	McKenzie
Denis Dubois	Elaine Lajeunesse	Hany Rifai
Rachel Dutil	Thomas L. Lee	Nitin Talwalkar
	Andrew M. Lloyd	

*Part 8—United States*

Mustafa Bin Ahmad	Kristi Irene Carpine- Taber	David L. Drury
John Scott Alexander	Bethany L. Cass	Tammi Dulberger
John P. Alltop	Tania J. Cassell	Brandon L. Emlen
Amy P. Angell	Jill C. Cecchini	Joseph G. Evleth
David Steen Atkinson	Hsiu-Mei Chang	Vicki A. Fendley
Craig Victor Avitabile	Hong Chen	Stephen A. Finch
Keith M. Barnes	Brian K. Ciferri	Christine M. Fleming
Michael J. Bednarick	Maryellen J. Coggins	Ronnie S. Fowler
Michael J. Belfatti	Kathleen T. Cunningham	David I. Frank
Brian K. Bell	Jonathan Scott Curlee	Kay L. Frerk
Bruce J. Bergeron	Kenneth S. Dailey	Noelle Christine Fries
Eric D. Besman	Loren Rainard	Donald M. Gambardella
Kristen M. Bessette	Danielson	Kathy H. Garrigan
John T. Binder	Smitesh Davé	James B. Gilbert
Mark E. Bohrer	Francis L. Decker IV	Emily C. Gilde
David R. Border	Nancy K. DeGelleke	Susan I. Gildea
Erik R. Bouvin	Michael Brad Delvaux	Moshe D. Goldberg
Rebecca Schafer Bredehoeft	Patricia A. Deo-Campo	Jay C. Gotelaere
Robert F. Brown	Vuong	John W. Gradwell
Kevin D. Burns	Mike Devine	Greg M. Haft
Stephanie T. Carlson	Michael Edward Doyle	Scott T. Hallworth
Allison F. Carp		Gregory Hansen

Eric Christian Hassel	Peter R. Martin	Kim R. Rosen
Christopher Ross Heim	Bonnie C. Maxie	Seth Andrew Ruff
David E. Heppen	Jeffrey A. Mehalic	Kevin L. Russell
Ronald J. Herrig	Mark F. Mercier	Tracy A. Ryan
Todd H. Hoivik	Richard Ernest Meuret	Joseph J. Sacala
John F. Huddleston	Stephanie J. Michalik	Elizabeth A. Sander
Paul Ivanovskis	Michael J. Miller	Jason T. Sash
Christopher Donald Jacks	Paul D. Miotke	Matt J. Schmitt
John F. Janssen	Christopher James Monsour	Michael C. Schmitz
Chad C. Karls	Roosevelt C. Mosley	Timothy D. Schutz
Claudine Helene Kazanecki	Sureena Binte Mustafa	M. Kate Smith
James M. Kelly	Timothy O. Muzzey	Theodore S. Spitalnick
Steven A. Kelner	Mindy Y. Nguyen	Catherine E. Staats
Joseph P. Kilroy	Michael A. Nori	Lori E. Stoeberl
Eleni Kourou	Rebecca Ruth Orsi	Brian Tohru Suzuki
James Douglas Kunce	Kathryn Ann Owsiany	Roman Svirsky
Kenneth A. Kurtzman	Dmitry E. Papush	Karrie Lynn Swanson
Steven M. Lacke	M. Charles Parsons	Adam M. Swartz
Timothy J. Landick	Thomas Passante	Sebastian Yuan Yew Tan
Robert J. Larson	Abha B. Patel	Jennifer L. Throm
Yin Lawn	Michael A. Pauletti	Laura M. Turner
Thomas C. Lee	Rosemary C. Peck	Alice M. Underwood
Scott J. Lefkowitz	Miriam E. Perkins	Timothy J. Ungashick
Neal M. Leibowitz	Anne Marlene Petrides	Eric Vaith
Diana M. S. Linehan	Ellen K. Pierce	Robert J. Walling III
Robb W. Luck	Richard Matthew Pilotte	Karen E. Watson
Victoria S. Lusk	Jordan J. Pitz	Patricia Cheryl White
James P. Lynch	Richard B. Puchalski	Wendy L. Witmer
Daniel Patrick Maguire	Kathleen Mary Quinn	Yoke Wai Wong
Vahan A. Mahdasian	Kiran Rasaretnam	Stephen K. Woodard
Anthony L. Manzitto	Peter S. Rauner	Yuhong Yang
Richard J. Marcks	Rebecca Lea Roever	Charles J. Yesker
David E. Marra	John R. Rohe	Edward J. Zonenberg

*Part 10*

Mustafa Bin Ahmad	Kristine Esposito	James F. King
Ethan David Allen	Alana C. Farrell	Bradley J. Kiscaden
Michael E. Angelina	Sylvain Fauchon	Brandelyn C. Klenner
Lewis V. Augustine	Kendra M. Felisky-	Brian S. Krick
William P. Ayres	Watson	Mary D. Kroggel
Barry Luke Bablin	Chauncey E.	Alexander Krutov
Wayne F. Berner	Fleetwood	Sarah Krutov
Barry E. Blodgett	Walter H. Fransen	David Leblanc-Simard
Kimberly Bowen	John E. Gaines	Guy Lecours
Douglas J. Bradac	Gary J. Ganci	Steven J. Lesser
Betsy A. Branagan	David Evan Gansberg	Richard B. Lord
Ron Brusky	Margaret Wendy	Robert G. Lowery
Julie Burdick	Germani	Gary P. Maile
Hugh E. Burgess	John E. Green	Dee Dee Mays
Christopher J.	Steven A. Green	Stephen J. McGee
Burkhalter	Daniel Cyrus Greer	Scott A. McPhee
Cindy Cin-Man Chu	Daniel Eli Greer	Brian James Melas
Brian A. Clancy	Alexander Archibold	Anne Hoban Moore
Kay A. Cleary	Hammett	Matthew S. Mrozek
Christopher G. Cunniff	Ellen M. Hardy	Raymond D. Muller
Karen Barrett Daley	Robert L.	Donald R. Musante
Karen L. Davies	Harnatkiewicz	Henry E. Newman
Jeffrey W. Davis	William N. Herr Jr.	James L. Nutting
Timothy Andrew Davis	Christopher Todd	Mark A. O'Brien
John D. Deacon	Hochhausler	Mary Beth O'Keefe
Camley A. Delach	Daniel L. Hogan Jr.	Christopher Edward
Sean R. Devlin	Jeffrey R. Hughes	Olson
Kurt S. Dickmann	Brian L. Ingle	David Anthony
Margaret Eleanor	Joseph W. Janzen	Ostrowski
Doyle	Jeremy M. Jump	David J. Otto
Tammy L. Dye	Hsien-Ming Keh	Michael G. Owen
Kevin M. Dyke	Brandon Daniel Keller	Joseph M. Palmer
Mark Kelly Edmunds	Thomas P. Kenia	Charles Pare
Wayne W. Edwards	Deborah M. King	Harry Todd Pearce



Lynne M. Peterson	Michael B. Schenk	Georgia A.
Kathy Popejoy	Arthur J. Schwartz	Theocharides
Jennifer K. Price	Nathan Alexander	Jeffrey S. Trichon
Anthony E. Ptasznik	Schwartz	Kai Lee Tse
David S. Pugel	Craig J. Scukas	Jeffrey A. Van Kley
Kara Lee Raiguel	Michael Shane	Leslie Alan Vernon
Ricardo A. Ramotar	Alastair Charles Shore	Kyle Jay Vrieze
Natalie J. Rekkittke	Bret Charles Shroyer	Kimberley A. Ward
Dennis L.	Gerson Smith	Douglas M. Warner
Rivenburgh, Jr.	Matthew Robert	Wyndel S. White
John W. Rollins	Sondag	William Robert
Richard A.	Alan M. Speert	Wilkins
Rosengarten	Ilene G. Stone	Michael J. Williams
Daniel G. Roth	Scott J. Swanay	Kirby W. Wisian
Chet James Rublewski	Christopher C.	Simon Kai-Yip Wong
Thomas A. Ryan	Swetonic	Yoke Wai Wong
Manalur S. Sandilya	Christopher Tait	Vincent F. Yezzi

The following candidates were admitted as Fellows and Associates at the 1998 CAS Annual Meeting in November. By passing Spring 1998 examinations, these candidates successfully fulfilled the Society requirements for Fellowship or Associateship designations.

#### NEW FELLOWS

John Porter Alltop	Christopher John	John David Deacon
Lewis Victor Augustine	Burkhalter	Camley Ann Delach
Barry Luke Bablin	Tania Janice Cassell	Margaret E. Doyle
Michael James	Cindy C. M. Chu	David L. Drury
Bednarick	Brian Arthur Clancy	Tammy Lynn Dye
Michael James Belfatti	Kay A. Cleary	Kristine M. Esposito
Wayne F. Berner	Christopher G. Cunniff	Sylvain Fauchon
Barry E. Blodgett	Kenneth Scott Dailey	Kendra Margaret
Kimberly Ann Bowen	Smitesh Davé	Felisky-Watson
Douglas J. Bradac	Karen L. Davies	Stephen A. Finch
Ron Brusky	Jeffrey Wayne Davis	Walter H. Fransen

Kay L. Frerk	Robert John Larson	Dennis Louis
John Edward Gaines	Guy Lecours	Rivenburgh Jr.
David Evan Gansberg	Thomas C. Lee	Daniel Gregg Roth
Kathy Helene Garrigan	Thomas L. Lee	Chet James Rublewski
Margaret Wendy Germani	Scott Jay Lefkowitz	Kevin L. Russell
Moshe David Goldberg	Steven Joel Lesser	Thomas A. Ryan
John E. Green	Robert Glenn Lowery	Elizabeth A. Sander
Steven A. Green	Gary P. Maile	Manalur Sundaram
Daniel Cyrus Greer	Anthony L. Manzitto	Sandilya
Daniel Eli Greer	Richard Joseph Marcks	Michael Bruce Schenk
Greg M. Haft	Peter Robert Martin	Matt John Schmitt
Ellen M. Hardy	Dee Dee Mays	Arthur J. Schwartz
Robert L. Harnatkiewicz	Stephen J. McGee	Craig James Scukas
William Nesthus	Jeffrey A. Mehalic	Gerson Smith
Herr Jr.	Brian James Melas	Mary Kathryn Smith
Daniel Leo Hogan Jr.	Anne Hoban Moore	Alan M. Speert
Jeffrey R. Hughes	Matthew Stanley	Catherine Elaine Staats
Paul Ivanovskis	Mrozek	Ilene Gail Stone
Christopher Donald Jacks	Raymond D. Muller	Scott Jay Swanay
Joseph William Janzen	Timothy O. Muzzey	Christopher Tait
Jeremy M. Jump	Mindy Yu Nguyen	Sebastian Yuan Yew
Hsien-Ming Keh	Mark A. O'Brien	Tan
Brandon Daniel Keller	Mary Beth O'Keefe	Georgia A. Theocharides
Steven A. Kelner	David J. Otto	Alice Underwood
Thomas Paul Kenia	Joseph Martin Palmer	Timothy John Ungashick
Joseph P. Kilroy	Dmitry E. Papush	Jeffrey Alan Van Kley
Bradley James Kiscaden	Thomas Passante	Kimberley A. Ward
Brian Scott Krick	Abha B. Patel	Wyndel S. White
Mary Downey Kroggel	Harry Todd Pearce	William Robert Wilkins
Alexander Krutov	Lynne M. Peterson	Michael J. Williams
Kenneth Allen Kurtzman	Anne Marlene Petrides	Kirby W. Wisian
Timothy John Landick	Jennifer K. Price	Yoke Wai Wong
	David Scott Pugel	Charles John Yesker
	Kara Lee Raiguel	
	Kiran Rasaretnam	
	Natalie J. Rekittke	

## NEW ASSOCIATES

Stephen Allan Alexander	Natasha Cecilia Gonzalez	Dylan Pamphilon Place Ricardo Anthony
Jennifer Ann Andrzejewski	Francis Xavier Gribbon Gary Michael Harvey	Ramotar Brian Paul Rucci
Michele Segreti Arndt	Kevin Blaine Held	Asif Sardar
Robert Daniel Bachler	Melissa Katherine Houck	Kelvin Bryce Sederburg
Lee Matthews Bowron	Weidong Wayne Jiang	Kelli Denise Shepard- El
John Carol Burkett	Susan Kay Johnston	John Haldane Soutar
Matthew R. Carrier	Daniel R. Kamen	Andrew K. Tran
Andrew K. Chu	Mary Jo Kannon	Michael Charles Tranfaglia
Louise Chung-Chum- Lam	Jeffrey Dale Kimble	Joel Andrew Vaag
Mary Katherine Thérèse Dardis	Andrew M. Koren	Steven John Vercellini
Robert Earl Davis	Scott C. Kurban	Linda M. Waite
Nathalie Dufresne	Douglas H. Lacoss	Robert Joseph Wallace
Carolyn F. Edmunds	James Peter Leise	William Boyd Westrate
Jane Eichmann	Diane Lesage-Cantin	Matthew Michael White
Jonathan Palmer Evans	Xiaoying Liang	L. Alicia Williams
Michelle Lynn Freitag	Jason Kirk Machtinger	Robin Davis Williams
Donald Michael Gambardella	James William Mann	
Charles Edward Gegax	Stephen Paul Marsden	
Bradley Gordon Gipson	John Vincent Mulhall	
	Moshe C. Pascher	
	Judith Diane Perr	

The following candidates successfully completed the Parts of the Fall 1998 CAS Examinations that were held in October.

*Part 3B*

Kris Bagchi	Monica M. Buck	Bruce R. Darling
Brian J. Barth	Daniel R. Campbell	Paul B. Deemer
Richard J. Bell III	Kin Lun Choi	Peter R. DeMallie
Jonathan P. Berenbom	Richard R. Crabb	Jean A. DeSantis
Erick A. Brandt	Marc-Andre Dallaire	Patrick J. Dubois

Keith R. Gentile	Joshua Y. Ligosky	Carmen Racy
Christopher J. Graham	Matthew A. Lillegard	Neil W. Reiss
Donald B. Grimm	Diana M. S. Linehan	Ezra J. Robison
Serhat Guven	Ratsamy Manoroath	David G. Shafer
Edward Kofi Gyampo	Mea Theodore Mea	Duc M. Ta
Christopher W. Hurst	Vadim Y. Mezhebovsky	Neeza Thandi
Susan R. Johansen- Green	Scott A. Miller	Sheng P. Tseng
Jason A. Jones	Matthew E. Morin	Susan B. Van Horn
Lawrence S. Katz	Stephen J. Mueller	Shaun S. Wang
John H. Kerper	Sean R. Nimm	Scott M. Woomer
Nathalie M. Lavigne	Maureen D. O'Keefe	Xiangfei Zeng
Shangjing Li	Jean-Pierre Paquet	
	Kristin S. Piltzecker	

*Part 4A*

Greg A. Aikey	Jeffrey R. Coker	Joseph H. Hohman
Anju Arora	Christopher L. Cooksey	Melissa S. Holt
Nancy A. Ashmore	Dustin W. Curtit	Carissa A. Hughes
Joel E. Atkins	Walter C. Dabrowski	Abraham J. Israel
Peter Attanasio	Tanuja S.	Kenneth L. Israelsen
Richard Audet	Dharmadhikari	David R. James
Pranav D. Badheka	Erik L. Donahue	Amy B. Kamen
Christine L. Berg	John A. Duffy	Hye-Sook Kang
Andrew W. Bernstein	Lawrence K. Fink	John J. Karwath
David M. Biewer	Michael J. Fiorito	Inga Kasatkina
Jonathan E. Bransom	Sharon L. Fochi	Stephen F. Katz
Gregor L. Brown	Dana R. Frantz	Amy Jieseen Kim
Lisa K. Buege	Veronique Grenon	Roman Kimelfeld
Ronald Cederburg	Adrian F. Guardado	Laurie A. Knoke
Ramses T. Celestin	Jennifer L. Hany	David Kodama
Yves Charbonneau	Stuart J. Hayes	Todd J. Kuhl
Tsui-Hsien J. Chien	Joseph Hebert	Melissa Kuykendall
Kin Lun Choi	Greg Helser	Nadya Kuzkina
Byron W. Clift	Mark D. Heyne	Eric N. Laszlo
John R. Cloutier		Annie Latouche

Geraldine Marie Z. Lejano	Georgia A. Nelson	Lapki Tsang
James J. Leonard	Lester M. Y. Ng	Elaine Ching Tse
Stephen M. Lippman	Julie K. Nielsen	Choi Nai Charlies Tu
Nataliya A. Loboda	Stoyko N. Nikolov	Lien K. Tu
Andrea A. Lombardi	Alejandra S. Nolibos	Kevin G. Turner
Michael H. Loretta	Lorie A. Pate	Shannon C. Vecchiarello
Paul T. Lupica	Michael C. Petersen	Sebastien Y. Vignola
Eric A. Madia	Michael R. Petrarca	Eric T. Viney
John C. Marques	David M. Pfahler	Cameron J. Vogt
Lora K. Massino	Eric W. L. Ratti	Hanny C. Wai
Michael B. McCarty	William C. Reddington	Daniel Westcott
James P. McCoy	Anita E. Samuelson	Todd M. Wing
Scott A. McPhee	Mandy M. Y. Seto	Philip Wong
Thomas E. Meyer	Summer L. Sipes	Jeffrey S. Wood
Michael E. Mielzynski	Robert P. Siwicki	Shawn A. Wright
Charles W. Mitchell	Thomas R. Slader	Andreas Wyler
Robert E. Moran	Emily J. Smith	Andrew Yershov
Jason L. Morgan	Thomas S. Stadler	Sung G. Yim
Timothy C. Mosler	Christopher J. Styrsky	Yingjie Zhang
David B. Mukerjee	Lisa Liqin Sun	
Darren J. Nakanishi	Lucia Tedesco	
	Colleen A. Timney	

*Part 4B*

Angela H. A'Zary	David W. Batten	Julie K. Bohning
James E. Alford	Craig E. Bauer	Brad N. Bondy
Michael L. Alfred	Jonathan P. Berenbom	Marcus J. Bosland
Vagif Amstislavskiy	Elliot J. Bernstein	Frederic Boule
Pamela G. Anderson	Mark W. Bingener	Chantal Bray
Brian D. Archdeacon	Gary R. Blackwood	Melissa L. Brewer
Joel E. Atkins	Marie-Josée C. Blanchet	Elizabeth K. Brill
Kris Bagchi	KayAnn Blaszczyk	Jeffrey D. Brook
Vicki J. Bagley	Charles W. Bloss IV	Lan Z. Brown
Wendy A. Barone	Aree K. Bly	Caroline Bruniau
Suzanne Barry		Rebecca L. Burton

Ryan A. Buschert	Christopher A.	Brian P. Hall
Timothy W. Caldwell	Donahue	Eric D. Halpern
Alyssa M. Caslick	Brian M. Donlan	Kanwal Hameed
Joseph S. Cella	Thierry Duchesne	F. Keith Handley
Kevin K. W. Chan	Laura A. Esboldt	Robert T. Hatcher
Michael Tsz-Kin Chan	Ashifa Esmail	Erik L. Heiny
Whye-Loon Chan	John D. Faught	Kandace A. Heiser
Ming-Shiu Chang	Janine A. Finan	Scott L. Herchenbach
Donna Chen	Eric J. Fitton	Mark D. Heyne
Hai Fen Chen	Sharon L. Fochi	Marcy R. Hirner
Shu-Chuan Chen	Feifei Ford	Kathleen Hobbs
Yung-Chih Chen	Guy J. Foutz	Margaret M. Hook
Carrie Cheung	Janis L. Frazer	William E. Hopkins
Su-Ying Chiang	Elinor Friedman	Derek R. Hoyme
Tracy L. Child	Po C. Fu	Shaohe T. Huang
Yiu Wai B. Chiu	Andre Gagnon	Kee Wai Ip
Wil Chong	Virginia K. Gammill	Corrine M. Iverson
Alan M. Chow	Joan K. C. Ganas	Ellen H. Jacoby
Kwok Wing Choy	Dustin W. Gary	Katherine Jacques
Shu Hung Choy	Matthew P. Gatsch	Paul T. Jakubczak
Paul L. Cohen	Timothy J. Geddes	David R. James
Chandra B. Cole	Leslie A. George	Steven Thomas James
Candace A. Cooper	Kelly C. Geragotelis	Donna R. Jarvis
Ronald M. Cornwell	Daniel J. Gieske	Huahua Jiang
Stephen M. Couzens	Donald L. Glick	Brian B. Johnson
Richard R. Crabb	Kevin A. Gontowski	Darrell G. Johnson
Hall D. Crowder	Matthew R. Gorrell	Erik A. Johnson
Dermot M. Cryan	Andrew S. Greenhalgh	Kristin Lynn Johnson
Mary Jo Curcio	Donald B. Grimm	Samuel Johnson
Dave J. Czernicki	Jared M. Gross	Stephane Julien
David W. Dahlen	John W. Grove	Cheryl L. Jurgens
Stephanie A. DeLuca	Jocelyn Guerin	Brian J. Kasper
David E. Dela Cruz	Daniel R. Guilbert	David R. Kennerud
Paul M. Dennee	Edward Kofi Gyampo	Mark S. Kertzner
Milind K. Desai	Matthew M. Ha	Ziv Kimmel
Manon Desrosiers	Michael A. Ha	Chris L. Kinnison

Gregory L. Kissel	Daniel A. Lowen	Francesco Nudo
Darren H. Klorfine	Tony Lu	James P. O'Donovan
Laurie P. Kolb	Kelly A. Lysaght	Yanik Paquin
Rostislav Kongoun	Daniel K. Ma	Felix Patry
Jason M. Konopik	Sally Ann MacFadden	Joy-Ann C. Payne
Sonya Koo	Michael R. Mace	Bruce G. Pendergast
James A. Kosinski	Deidre A. Mangan	Holly A. Pfeiffer
Frank J. Kowal	Steven Manilov	Kristin S. Piltzecker
Jodi L. Krantz	Zhouhong Mao	Michael A. Polonsky
Anand S. Kulkarni	Jeffrey L. Martin	Jeffrey M. Pomerantz
Kin Chung Kung	Raul G. Martin	Samir Prasad
Gregory Kushnir	Kenneth J. Martinez	Elisabeth Prince
Wing Wai Kwan	Victor Mata	Julie-Ann Puzzo
François Lacroix	Paul G. Mattson	Bujia Qiao
Joel A. Lahrman	Timothy J. McCarthy	Jason J. Reed
Wen Lan Lai	Robert B. McCleish IV	Brian E. Rhoads
Hrvoje Lakota	John R. McCollough	Danielle L. Richards
Margaret W. Lam	Kerri A. McLaughlin	Rodney E. Rishel
Maxime Lancot	Isaac Merchant	Charles Rodrigue
Frederic Lapostolle	Deborah Ann Mergens	Randall J. Rogers
Sylvia Wy Law	Shawna A. Meyer	Michele S. Rosenberg
Dawn M. Lawson	Paul B. Miles	Yori B. Rubinson
Marc Leblond	Robert Mizner	Srinath Sampath
Doris Lee	David G. Moger	Siddhartha Sankaran
Patricia Lee	Lori A. Moore	Philip Santiago
Tak Yam Lee	Amy J. Morehouse	Matthew D. Schafer
William Henry	Joseph Muccio	Leon Schmerhold
Leslie IV	Michelle L. Myers	David P. M. Scollnik
Wing Wah Leung	Jason H. Natof	Elizabeth A. Sexauer
David C. Lewis	Anne-Marie Nawar	Bintao Shi
Jennifer L. Lewis	Norman Niami	Alan L. Shulman
Zhiyuan Li	Daisy H. M. Ning	Riana Sia
Eric F. Liland	Alejandra S. Nolibos	Janel M. Sinacori
Mien Seng Lim	Julie L. Normand	Frederick W. Slater
Shiah Shiu'an Lin	Charles A. Norton	Katherine E. Slover
Christina S.H. Liu	Tom E. Norwood	Ada M. So

Xi Song	Karen J. Triebe	Jay W. West
Harold L. Spangler Jr.	Erik S. Troutman	Daniel Westcott
Sean B. Staggs	Shu-Chen Tsai	Miles C. Williams
Ulrich Stengele	Jye-Terng Tsay	Stephanie J. Williams
Esperanza Stephens	Lien K. Tu	Todd M. Wing
John D. Stiefel	Douglas A. Turner	Tammy L. Wood
Jonathan E. Stinson	William H. Turner	Shawn A. Wright
Jeffery S. Stout	Alexander S. Vajda	Jun Wu
Wei Hua Su	Amy W. Van Nostrand	Jennifer A. Yanulavich
Beth M. Sweeney	Nancy C. Van Wallegghem	Kuo-Jen Yen
Mikel M. Swyers	Karen L. VanCleave	Andrew Yershov
Barbara Sylvain	Jennifer A. Vezza	Shuk-Han Lisa Yeung
Yuan Kwan Sze	Cameron J. Vogt	Timothy M. Yi
David B. Thaller	Colleen Ohle Walker	Lai Yuen Yip
Emmerik Theriault	Matthew J. Walter	Jinsung Yoo
Bernadette M. Thie	Kaicheng Wang	Yuan Yuan
Malgorzata Timberg	Mingqi Wang	Ka Chun Yue
Pauline P. M. To	Ya-Feng Wang	Paul T. Zelazoski
Marie-Josée Tremblay- Canuel	Javanika Patel Weltig	James J. Zheng
Maureen B. Tresnak	Joseph C. Wenc	Huawei Jamie Zhu
		Christopher D. Zuiker

*Part 5A*

Michael B. Adams	Dale A. Fethke	Jia Liu
Amy P. Angell	Todd B. Glassman	Wing Lowe
Lara L. Anthony	Stacey C. Gotham	Tony Lu
John D. Back	Rebecca N. Hai	Kevin M. Madigan
Jonathan P. Berenbom	Dawn Marie S. Happ	Vadim Y. Mezhebovsky
Steven G. Brenk	Richard A. Haugen	Ross H. Michehl
Alison S. Carter	Henry J. Konstanty	Jason E. Mitich
Aimee B. Cmar	Leland S. Kraemer	Matthew E. Morin
Natalie A. Cmar	Jonathan D. Leuy	Randall W. Oja
Lynn E. Cross	Joshua Y. Ligosky	Gilbert Ouellet
Alana C. Farrell	Steven R. Lindley	Ajay Pahwa



Christopher A. Pett	Peter A. Scourtis	Lisa C. Stanley
Ezra J. Robison	Annemarie Sinclair	Neeza Thandi
James C. Santo	Thomas M. Smith	Jo Dee Westbrook
Avijit Sarkar	Alexandra R. St-Onge	Xiangfei Zeng

*Part 5B*

Muhammad Munawar	David B. Dalton	Brandon L. Heutmaker
Ali	Rich A. Davey	Troy W. Holm
Vagif Amstislavskiy	Scott C. Davidson	David J. Horn, Jr.
Brandie J. Andrews	Amy L. DeHart	Kaylie Horning
Amy P. Angell	Stephanie A. DeLuca	Hai Huang
Koosh Arfa-Zanganeh	Sheri L.	Jesse T. Jacobs
Kevin J. Atinsky	Delaboursodiere	Shantelle A. Johnson
Nabila Audi	Christopher P.	William B. Johnson
John L. Baldan	DiMartino	Elena Y. Karzhitskaya
Stevan S. Baloski	Diana M. Dodu	Susan M. Keaveny
Nathalie Belanger	Scott H. Drab	Sarah M. Kemp
Mark Belasco	James R. Elicker	Susanlisa Kessler
David M. Biewer	William H. Erdman	Karen A. Kosiba
Nebojsa Bojer	Dale A. Fethke	Vladimir A.
Joseph V. Bonanno Jr.	William M. Finn	Kremerman
John R. Bower	Kristine M. Fitzgerald	Stephen J. Langlois
Anthony P. Brown	Lisa C. Fontana	Jason A. Lauterbach
Jeffrey A. Brueggeman	Gregory A.	Amy E. LeCount
Judith E. Callahan	Frankowiak	Ruth M. LeSturgeon
Thomas L. Cawley	Stuart G. Gelbwasser	Geraldine Marie Z.
Brian J. Cefola	Christie L. Gilbert	Lejano
Scott R. Clark	Todd B. Glassman	Jonathan D. Leuy
Christopher J.	William G. Golush	Jenn Yih Lian
Cleveland	Boris V. Gorelik	Kenneth Lin
Aimee B. Cmar	Matthew R. Gorrell	Jia Liu
Natalie A. Cmar	Stacey C. Gotham	Jin Liu
Cameron A. Cook	Christa Green	Xiaoqing Iris Liu
Arthur D. Cummings	Manuel S. Guerra Jr.	Todd L. Livergood
Keith R. Cummings	Timothy P. Hawkins	Teresa Madariaga

Roy M. Markham	Sara Reinmann	Aason A. Temples
Jeffrey L. Martin	Robert C. Roddy	Charles A. Thayer
Joseph W. Mawhinney	Michele S. Rosenberg	Christian A. Thielman
Jeffrey B. McDonald	Ryan P. Royce	Pantelis Tomopoulos
Patricia McGahan	Ray M. Saathoff	Isabel Trepanier
Ryan A. Michel	Anthony D. Salido	Jennifer L. Vadney
Stephanie Miller	Dionne M. Schaaffe	Lisa M. VanDermark
Bilal Musharraf	Bryan K. Scott	Jennifer A. Vezza
Scott L. Negus	Vladimir Shander	Brian A. Viscusi
Julie K. Nielsen	Scott M. Shannon	Qingxian Wang
Stoyko N. Nikolov	Barry D. Siegman	Bethany R. Webb
Rodrick R. Osborn	William A. Smyth	Carolyn D. Wettstein
Matthew R. Ostiguy	Anthony A. Solak	Stephen C. Williams
Robin V. Padwa	Evan M. Spiegel	Jonelle A. Witte
Aseem Palvia	Jason D. Stubbs	Philip Wong
Matthew J. Perkins	Nicki A. Styka	Xiangfei Zeng
James J. Rehbit	Edward T. Sweeney	Yingjie Zhang
John J. Reid	Adam D. Swope	

*Part 7—Canada*

Genevieve L. Allen	Serge Gagne	Shawn Allan
Nathalie J. Auger	David Gagnon	McKenzie
Veronique Bouchard	Isabelle Gingras	Christian Menard
Stephane Brisson	Lisa N. Guglietti	Sylvain Nolet
Nathalie Charbonneau	Julie-Linda LaForce	Sylvain Perrier
Yvonne Wai Ying	Jean-Sebastien Lagace	Sylvain Renaud
Cheng	Stephane Lalancette	Mario Richard
Steven A. Cohen	Isabelle LaPalme	Ernest C. Segal
Peter J. Cooper	Christian Lemay	
Sophie Duval	Julie Martineau	

*Part 7—United States*

Jason R. Abrams	Kin Lun Choi	Emily C. Gilde
Anthony L. Alfieri	Julia F. Chu	Cary W. Ginter
Silvia J. Alvarez	Jeffrey A. Clements	Theresa Giunta
Brian M. Ancharski	Jeffrey J. Clinch	Stephanie A. Gould
Gwendolyn Lilly Anderson	Eric J. Clymer	Paul E. Green
Paul D. Anderson	Carolyn J. Coe	Joseph P. Greenwood
Katherine H. Antonello	Brian R. Coleman	Mark R. Greenwood
Amy L. Baranek	Larry Kevin Conlee	Rebecca N. Hai
Patrick Beaudoin	Sean O. Cooper	David L. Handschke
Esther Becker	Sharon R. Corrigan	Bryan Hartigan
Saeeda Behbahany	David E. Corsi	Jeffery T. Hay
David J. Belany	Jeffrey A. Courchene	Qing He
Kristen M. Bessette	Jose R. Couret	Amy L. Hicks
John T. Binder	Julie R. Crane	Jay T. Hieb
Mario Binetti	John E. Daniel	Stephen J. Higgins Jr.
Neil M. Bodoff	Mujtaba H. Dato	Glenn R. Hiltbold
Christopher D. Bohn	Catherine L. DePolo	Kurt D. Hines
Mark E. Bohrer	Krikor Derderian	Glenn S. Hochler
Caleb M. Bonds	Mark R. Desrochers	Todd H. Hoivik
David R. Border	Jonathan M. Deutsch	Terrie L. Howard
Thomas S. Botsko	Timothy M. DiLellio	Long-Fong Hsu
Jeremy James Brigham	Richard J. Engelhuber	Philip M. Imm
Karen A. Brostrom	Greg J. Engl	Craig D. Isaacs
Conni J. Brown	Weishu Fan	Charles B. Jin
Paul E. Budde	Brian M. Fernandes	Karen L. Jiron
Julie Burdick	Kenneth D. Fikes	Paul J. Johnson
Angela D. Burgess	Sean P. Forbes	Bryon R. Jones
Derek D. Burkhalter	Ronnie S. Fowler	Burt D. Jones
Anthony R. Bustillo	Mark R. Frank	Derek A. Jones
Allison F. Carp	Rosemary D. Gabriel	Dana F. Joseph
Daniel G. Charbonneau	James M. Gallagher	Robert C. Kane
Patrick J. Charles	Anne M. Garside	Douglas H. Kemppainen
Todd D. Cheema	Amy L. Gebauer	Sean M. Kennedy
	Justin G. Gensler	Ung Min Kim
	Rainer Germann	

Jennifer E. Kish	Brian C. Neitzel	Anmarie Schuster
Wendy A. Knopf	John-Giang L. Nguyen	Tina Shaw
Thomas F. Krause	Khanh K. Nguyen	Seth Shenghit
Ravikumar	Loren J. Nickel	Michelle L. Sheppard
Lakshminarayan	Michael D. Nielsen	Helen A. Sirois
Chingyee Teresa Lam	Sean R. Nimm	Joseph A. Smalley
John B. Landkamer	Sheri L. Oleshko	Michael W. Starke
Travis J. Lappe	Leo Martin Orth Jr.	David K. Steinhilber
Aaron M. Larson	Apryle L. Oswald	Karen M. Strand
Borwen Lee	Gerard J. Palisi	Mark R. Strona
Wendy R. Leferson	Prabha Pattabiraman	Jayne P. Stubitz
Brendan M. Leonard	Michael A. Pauletti	Stephen J. Talley
Karen N. Levine	Fanny C. Paz-Prizant	Josephine L. C. Tan
Sally M. Levy	Rosemary C. Peck	Robert M. Thomas II
Shangjing Li	John M. Pergrossi	Christopher S.
Sharon Xiaoyin Li	Christopher K. Perry	Throckmorton
Dengxing Lin	Anthony J. Pipia	Jennifer L. Throm
Erik F. Livingston	Jordan J. Pitz	Gary S. Traicoff
James P. Lynch	Thomas L. Poklen Jr.	John D. Trauffer
Vahan A. Mahdasian	Peter V. Polanskyj	Andrea E. Trimble
Atul Malhotra	Sean E. Porreca	Brian K. Turner
Joshua N. Mandell	William D. Rader Jr.	Peggy J. Urness
Jason A. Martin	Leonid Rasin	Mark A. Verheyen
Meredith Martin	Darin L. Rasmussen	Jon S. Walters
James J. Matusiak Jr.	Frank S. Rau	Douglas M. Warner
Laura S. McAnena	David C. Riek	David W. Warren
Timothy L. McCarthy	Marn Rivelle	Wade T. Warriner
Kevin P. McClanahan	Delia E. Roberts	Kevin E. Weathers
Jennifer A. McGrath	Kathleen F. Robinson	Kelly M. Weber
Rasa V. McKean	Joseph F. Rosta	Arthur S. Whitson
Sarah K. McNair- Grove	Janelle P. Rotondi	William B. Wilder
Kirk F. Menanson	Robert A. Rowe	Trevar K. Withers
Rebecca E. Miller	Joseph J. Sacala	Jonathan S. Woodruff
Ain H. Milner	Frances G. Sarrel	Perry K. Wooley
Rodney S. Morris	Jason T. Sash	Yin Zhang
Michael W. Morro	Jeremy N. Scharnick	Steven B. Zielke
	Jeffery W. Scholl	

*Part 9*

Mustafa Bin Ahmad	Sheri L. Daubenmier	Sally M. Kaplan
Nancy L. Arico	Timothy Andrew Davis	Robert B. Katzman
Carl Xavier	Brian Harris	Claudine Helene
Ashenbrenner	Deephouse	Kazanecki
Craig Victor Avitabile	John T. Devereux	James M. Kelly
Phillip Wesley Banet	Kevin Francis Downs	Scott Andrew Kelly
Emmanuil Theodore	Peter F. Drogan	Deborah M. King
Bardis	Wayne W. Edwards	Eleni Kourou
Michael William	Brandon L. Emlen	Claudia A. Krucher
Barlow	Jonathan Palmer Evans	Sarah Krutov
Paul C. Barone	Bruce D. Fell	James Douglas Kunce
Rick D. Beam	Kevin Jon Fried	Steven M. Lacke
Anna Marie Beaton	Noelle Christine Fries	Marc La Palme
Nicolas Beaupre	Jean-Pierre Gagnon	Yin Lawn
Andrew S. Becker	Donald M.	Dennis H. Lawton
Lisa A. Bjorkman	Gambardella	Bradley R. LeBlond
Michael J. Bluzer	Christopher H. Geering	Betty F. Lee
Lesley R. Bosniack	Bradley G. Gipson	Kevin A. Lee
Lori Michelle Bradley	Stewart H. Gleason	Todd William
Betsy A. Branagan	Sanjay Godhwani	Lehmann
Russell J. Buckley	Natasha C. Gonzalez	Neal M. Leibowitz
Hugh E. Burgess	Robert A. Grocock	Bradley H. Lemons
Elliot R. Burn	James C. Guszczka	Charles Letourneau
Kevin D. Burns	Kenneth Jay Hammell	Janet G. Lindstrom
Pamela A. Burt	Christopher Ross Heim	Richard B. Lord
Janet P. Cappers	David E. Heppen	Cara M. Low
Stephanie T. Carlson	Daniel D. Heyer	Michelle Luneau
Hsiu-Mei Chang	Amy L. Hoffman	James W. Mann
Eric D. Chen	Jane W. Hughes	William A. Mendralla
Richard M. Chiarini	Jason Israel	Michael J. Miller
Christopher William	Walter L. Jedziniak	David Patrick Moore
Cooney	Philip W. Jeffery	Sureena Binte Mustafa
Loren Rainard	Philippe Jodin	Seth Wayne Myers
Danielson	Susan K. Johnston	Kari S. Nelson

Kari A. Nicholson	Hany Rifai	Martin Vezina
Darci Z. Noonan	Rebecca Lea Roever	Kyle Jay Vrieze
Rebecca Ruth Orsi	John W. Rollins	Claude A. Wagner
David Anthony	Seth Andrew Ruff	Tice R. Walker
Ostrowski	Cindy R. Schauer	Isabelle T. Wang
M. Charles Parsons	Christy Beth Schreck	William B. Westrate
James Alan Partridge	Nathan Alexander	Vanessa Clare
Kerry S. Patsalides	Schwartz	Whitlam-Jones
John R. Pedrick	Michael Shane	Jerelyn S. Williams
Luba O. Pesis	Matthew Robert	Kendall P. Williams
Jeffrey J. Pflugger	Sondag	Laura Markham
Anthony George	Lori E. Stoeberl	Williams
Phillips	Katie Suljak	Kah-Leng Wong
Richard Matthew	Adam M. Swartz	Jeffrey F. Woodcock
Pilotte	Christopher C.	Linda Yang
Glen-Roberts	Swetonic	
Pitruzzello	Nitin Talwalkar	
Dylan P. Place	Kai Lee Tse	
Christopher David	Kieh Treavor Ty	
Randall	Leslie Alan Vernon	