

# AAAI News

*Carol McKenna Hamilton*

## AAAI Has a New Area Code!

The area code for the American Association for Artificial Intelligence (AAAI) office has changed from 415 to 650, effective immediately. After February 1, 1998, use of the new 650 code will be mandatory; so, please update your records now.

## Fellows Nominations Solicited

The 1998 Fellows Selection Committee is currently accepting nominations for AAAI fellow. The AAAI Fellows Program is designed to recognize people who have made significant, sustained contributions to the field of AI, usually over at least a 10-year period. All regular members in good standing are encouraged to consider nominating a candidate. Two references (at least one from a current AAAI fellow) must accompany nominations. For further information about the Fellows Program or to receive nomination and reference forms, please contact AAAI at 650-328-3123, by fax at 650-321-4457, or by e-mail at [fellows@aaai.org](mailto:fellows@aaai.org). Nomination materials are also available on our web site. The deadline for nominations is February 15, 1998.

## AAAI-98

Mark your calendars now for an AI summer! The Fifteenth National Conference on Artificial Intelligence (AAAI-98) will be held July 26–30, 1998, in Madison, Wisconsin, at the beautiful new Monona Terrace Convention Center, designed by Frank Lloyd Wright. The conference will fea-

ture the usual array of programs, including the Tutorial Forum, Workshop Program, Innovative Applications of Artificial Intelligence (IAAI), Hall of Champions, Mobile Robot Competition and Exhibition, and Robot Building Laboratory. New additions in 1998 will be the Integrated Systems Track of the technical program and the Intelligent Systems Demonstrations Program. Please check the AAAI web site for all the details and deadlines for these programs as well as announcements about other new features.

A few important deadlines to note on your calendar:

- **January 20:** AAAI-98 electronic title pages and IAAI-98 papers due.
- **January 22:** AAAI-98 papers due.
- **March 11:** Workshop submissions are due.
- **February 27:** Intelligent Systems Demonstration proposals due.

Information about the conference is available by writing to [ncai@aaai.org](mailto:ncai@aaai.org) or at [www.aaai.org/Conferences/National/1998/aaai98.html](http://www.aaai.org/Conferences/National/1998/aaai98.html).

## Collocated Conferences in Madison

AAAI is delighted to announce the collocation of several AI-related conferences next summer in Madison, Wisconsin. Please watch our web site for details about cooperative program and registration arrangements. The collocated conferences are

- Eighth International Conference on Inductive Logic Programming (ILP '98), July 22–24, 1998—papers due February 25, 1998—[www.cs.louisville.edu/faculty/page/ilp98](http://www.cs.louisville.edu/faculty/page/ilp98)
- Third Annual Genetic Programming Conference (GP-98), July

22–25, 1998—papers due January 21, 1998—[www.genetic-programming.org](http://www.genetic-programming.org)

- Symposium on Genetic Algorithms (SGA-98), July 22–25, 1998—papers due January 21, 1998—[www.genetic-algorithm.org](http://www.genetic-algorithm.org)
  - Eleventh Annual Conference on Computational Learning Theory (COLT '98), July 24–26, 1998—papers due January 30, 1998—[theory.lcs.mit.edu/COLT-98](http://theory.lcs.mit.edu/COLT-98)
  - Fifteenth International Conference on Machine Learning (ICML '98), July 24–26, 1998—papers due March 2, 1998—[www.cs.wisc.edu/icml98](http://www.cs.wisc.edu/icml98)
  - Fourteenth Annual Conference on Uncertainty in Artificial Intelligence (UAI-98), July 24–26, 1998—papers due February 23, 1998—[www.uai98.cbmi.upmc.edu](http://www.uai98.cbmi.upmc.edu)
  - Eighth Annual Meeting of the Society for Text and Discourse (ST&D98), July 29–31, 1998—papers due March 9, 1998—[text2.psych.umn.edu/ST&DHomePage.html](http://text2.psych.umn.edu/ST&DHomePage.html)
  - Twentieth Annual Meeting of the Cognitive Science Society, August 1–4, 1998—papers due February 6, 1998—[psych.wisc.edu/CogSci98/conf.html](http://psych.wisc.edu/CogSci98/conf.html)
- The Computing Research Association is planning a Career Development Workshop on Monday, July 27, 1998. Details can be found at [www.cra.org](http://www.cra.org).

## AAAI-98 Workshop Program

The following 18 workshops have been chosen for inclusion in the AAAI-98 Workshop Program. The workshops will be held Sunday and Monday, July 26–27, in Madison, Wisconsin, except where noted. As part of our cooperative effort with the collocated conferences, several are being cosponsored by ICML'98 and one by the Cognitive Science Society. Please check your December membership mailing for details about joint registration arrangements. Submissions are due March 11, 1998.

- **AI and Information Integration**, Cochairs: Craig A. Knoblock (kno-

- block@isi.edu) and Alon Y. Levy (levy@research.att.com)
- **AI and Simulation Workshop: Revisited**, Chair: Norman R. Nielsen (nielsen@sri.com)
  - **Building, Retrieving, and Using Generic Problem-Solving Methods (2-day)**, Cochairs: John Gennari (gennari@smi.stanford.edu) and Adam Pease (apease@teknowledge.com)
  - **Case-Based Reasoning Integrations**, Cochairs: David W. Aha (aha@aic.nrl.navy.mil) and Jody J. Daniels (jdaniels@atl.lmco.com)
  - **Developing ML Applications: Problem Definition, Task Decomposition, and Technique Selection**, Cosponsored by ICML'98, Cochairs: Robert Engels (engels@aifb.uni-karlsruhe.de) and Floor Verdenius (F.Verdenius@ato.dlo.nl)
  - **From Control to Information/ Intelligent Systems: New Application Domains of Fuzzy Logic**, Cochairs: Senen Barro (senen@dec.usc.es) and Lotfi A. Zadeh (zadeh@eecs.berkeley.edu)
  - **Functional Modeling and Teleological Reasoning**, Chair: Jon Sticklen (sticklen@cps.msu.edu)
  - **Integrating Artificial Intelligence and Assistive Technology**, Chair: Richard Simpson (rsimpson@tra-clabs.com)
  - **Knowledge Sharing across Biological and Medical Knowledge-Based Systems**, Cochairs: Dhiraj K. Pathak (dp33010@glaxowellcome.com) and Gary H. Merrill (dp33010@glaxowellcome.com)
  - **Learning for Text Categorization**, Cosponsored by ICML'98, Chair: Mehran Sahami (sahami@cs.stanford.edu)
  - **Predicting the Future: AI Approaches to Time-Series Analysis**, Cosponsored by ICML'98, Chair: Andrea Danyluk (andrea@cs.williams.edu)
  - **Recommender Systems**, Chair: Henry Kautz (kautz@research.att.com)
  - **Representations for Multi-Modal Human-Computer Interaction (2-day)**, Cochairs: Syed S. Ali (syali@cs.uwm.edu) and Susan W. McRoy (smcroy@cs.uwm.edu)
  - **Software Tools for Developing Agents**, Cochairs: Brian Logan (B.S. Logan@cs.bham.ac.uk) and Jeremy Baxter (baxter@signal.dra.hmg.gb)
  - **Textual Case-Based Reasoning**, Cochairs: Kevin D. Ashley (ashley+@pitt.edu) and Mario Lenz (lenz@informatik.hu-berlin.de)
  - **Using AI for Knowledge Management and Business Process Reengineering**, Cochairs: Rose Gamble (gamble@tara.mcs.utulsa.edu) and Daniel E. OLeary (oleary@rcf.usc.edu)
  - **Verification and Validation of Knowledge-Based Systems**, Cochairs: Dan O'Leary (oleary@rcf.usc.edu) and Alun Preece (apreece@csd.abdn.ac.uk)
  - **The Grounding of Word Meaning: Data and Models**, July 31, Cosponsored by the Cognitive Science Society, Chair: Michael Gasser (gasser@cs.indiana.edu)

## AAAI-98 Student Programs

AAAI is pleased to announce the continuation of its Scholarship and Volunteer Programs for students interested in attending AAAI-98 in Madison, Wisconsin, on July 26-30. The Scholarship Program provides partial travel support and a complimentary technical program registration for students who (1) are full-time undergraduate or graduate students at colleges and universities; (2) are members of AAAI; (3) submit papers to the technical program or letters of recommendation from their faculty advisor; and (4) submit scholarship applications to AAAI by April 15, 1998. In addition, repeat scholarship applicants must have fulfilled the volunteer and reporting requirements for previous awards.

In the event that scholarship applications exceed available funds, preference will be given to students who have an accepted technical paper and then to students who are actively participating in the conference in some way. However, all eligible students are encouraged to apply.

After the conference, an expense report will be required to account for the funds awarded. For further information about the Scholarship Program or

to obtain an application, please contact AAAI at [scholarships@aaai.org](mailto:scholarships@aaai.org) or 445 Burgess Drive, Menlo Park, CA 94025, 650-328-3123.

All student scholarship recipients will be required to participate in the Student Volunteer Program to support AAAI organizers in Madison. The Volunteer Program is an essential part of the conference, and student participation is a valuable contribution.

Students not requiring travel assistance should only apply for the Volunteer Program, which provides complimentary registration to full-time students, including conference proceedings, in exchange for assisting AAAI-98 organizers in Madison. This program does not provide any scholarship funds and is designed for local students or students who have other sources for travel funds. AAAI membership is required for eligibility. For further information regarding the Student Volunteer Program, please contact AAAI at [volunteer@aaai.org](mailto:volunteer@aaai.org) or at the previous address. The deadline for volunteer applications is May 31, 1998.

## KDD-98

The Fourth International Conference on Knowledge Discovery and Data Mining (KDD-98) will be held in New York City from August 27-31, 1998, following the Very Large Databases Conference. The call for papers is available by writing to [kdd@aaai.org](mailto:kdd@aaai.org) or at [www.aaai.org/Conferences/KDD/1998/kdd98.html](http://www.aaai.org/Conferences/KDD/1998/kdd98.html). Papers are due March 17, 1998.

## 1998 Spring Symposium Series

The 1998 Spring Symposium Series will be held March 23-25, 1998, at Stanford University and will feature eight symposia:

- **Applying Machine Learning to Discourse Processing**, Cochairs: Jennifer Chu-Carroll (jenc@research.bell-labs.com) and Nancy Green (nancy.green@cs.cmu.edu)
- **Integrating Robotic Research: Taking the Next Leap**, Cochairs: David Kortenkamp (david.m.kortenkamp1@jsc.nasa.gov) and Alan

- Schultz (schultz@aic.nrl.navy.mil)
- **Intelligent Environments, Chair:** Michael H. Coen (mhcoen@ai.mit.edu)
  - **Intelligent Text Summarization, Cochairs:** Dragomir Radev (radev@cs.columbia.edu) and Eduard Hovy (hovy@isi.edu)
  - **Interactive and Mixed-Initiative Decision-Theoretic Systems, Co-chairs:** Peter Haddawy (haddawy@cs.uwm.edu) and Steve Hanks (hanks@cs.washington.edu)
  - **Multimodal Reasoning, Chair:** Eugene C. Freuder (ecf@cs.unh.edu)
  - **Prospects for a Commonsense Theory of Causation, Chair:** Charlie Ortiz (ortiz@eecs.harvard.edu)
  - **Satisficing Models, Chair:** Sandip Sen (sandip@kolkata.mcs.utulsa.edu)

Registration materials have been mailed to all AAAI members and invited participants. They are also available on the AAAI web site. Please note that the deadline for registration for invited participants is February 6, and the general registration deadline is February 27.

## 1998 Fall Symposium Series

The following eight symposia have been selected for the 1998 Fall Symposium Series, to be held October 23-25, 1998, at the Omni Rosen Hotel in Orlando, Florida.

- **Artificial Intelligence and Link Analysis, Chair:** David Jensen (jensen@cs.umass.edu)
- **Cognitive Robotics, Chair:** De Giacomo, Giuseppe (degiamoco@dis.uniroma1.it)
- **Distributed Continual Planning, Chair:** Marie desJardins (marie@erg.sri.com)
- **Emotional and Intelligent: The Tangled Knot of Cognition, Chair:** Dolores Canamero (lola@arti.vub.ac.be)
- **Formalizing Visual Reasoning, Chair:** Bernd Meyer (bernd.meyer@acm.org)
- **Integrated Planning for Autonomous Agent Architectures, Co-chairs:** Glenn Wasson (wasson@vir-

ginia.edu) and Gabe Ferrer (ferrer@virginia.edu)

- **Planning with Partially Observable Markov Decision Processes, Chair:** Michael Littman (mlittman@cs.duke.edu)
- **Robotics and Biology: Developing the Connections, Chair:** Barbara Webb (Barbara.Webb@nottingham.ac.uk)

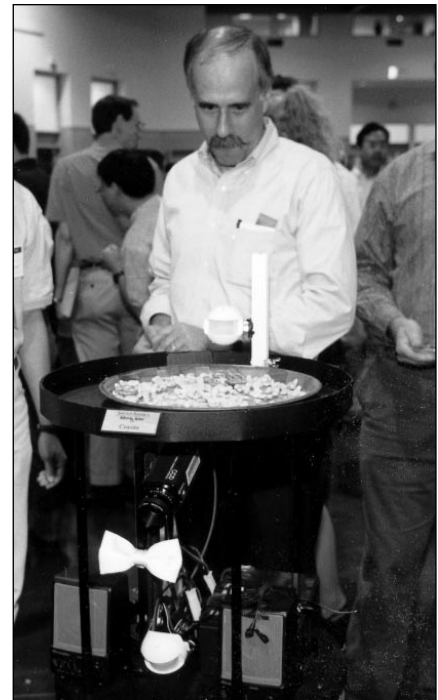
The deadline for submissions is April 15, 1998. The call for participation has been sent to all AAAI members and posted on the AAAI web site.

## AAAI Member News

**Bruce G. Buchanan**, AAAI president-elect, was recently elected as a member of the National Academy of Sciences Institute of Medicine (IOM). Current active members elect new members from among candidates chosen for their major contributions to health and medicine or to related fields such as social and behavioral sciences, law, administration, and economics. Bruce Buchanan is university professor of computer science and professor of philosophy and medicine in the Department of Computer Science at the University of Pittsburgh.

Election to the institute is both an honor and an obligation to work on behalf of the organization, its governance, and its studies. With their election, members make a commitment to devote a significant amount of volunteer time on committees engaged in a broad range of studies on health policy issues. Current IOM projects include a continuing series of reports on dietary reference intakes, which will replace the 1989 Recommended Dietary Allowances, and studies on community-based drug treatment, control of cardiovascular diseases in developing countries, and the medical use of marijuana.

**Jerome A. Feldman**, professor of electrical engineering and computer science at the University of California at Berkeley and founding director of the International Computer Science Institute, was awarded an honorary doctor of science degree by the University of Rochester on November 6, 1997. Jerome Feldman is a charter fellow of AAAI and a fellow of the Amer-



*AAAI Past President Randall Davis Is Offered an Hors d'oeuvre by the Mobile Robot Coyote at the AAAI-97 Reception.*

ican Association for the Advancement of Science.

**Carver Mead** is the 1997 recipient of the Association of Computing Machinery Allen Newell Award. The award was presented October 5, 1997, at the National Academy of Engineering in Washington, D.C. Mead was honored for his large number of diverse and seminal contributions to computing through the development of semiconductors, their design, and specific archetypal chip designs, including artificial retina and cochlea, through pioneering digital, analog, and neural computing techniques. He has played a key role in technology transfer as an entrepreneurial founder of companies to use the technology he created.

The ACM Allen Newell Award was established in 1993 to honor the memory and achievements of Allen Newell. This endowed award is supported by AAAI and individual contributions. The award is presented biennially to an individual selected for career contributions that have breadth within computer science or bridge computer science and other disciplines.