

Curriculum Vitae Paul A. Kirschner

Personal

Name Paul Arthur Kirschner
Date of Birth December 3, 1951 in New York City, USA
Address Prins Clausstraat 48, 6433 JR Hoensbroek
Civil state Married, 4 children
Nationality American, Dutch
Function: Professor of Psychology and Lifelong Learning, Netherlands laboratory for Lifelong Learning (NeLLL) / Department of Psychology at the Open University of the Netherlands
Professor of Educational Science at Utrecht University, Faculty of Social and Behavioural Sciences, Research Centre Learning in Interaction

Education

December 1991 Open University of the Netherlands – PhD Thesis on “Practicals in higher science education”
October 1978 City University of Amsterdam – Masters in Educational Psychology
September 1975 City University of Amsterdam - Bachelor in Psychology
December 1972 State University of New York at Stony Brook, New York, USA - Bachelor of Arts in Psychology and Teacher Certification in Mathematics, Biology, Chemistry and General Science
June 1968 Bronx High School of Science, New York City, USA

Present functions

- Professor of Psychology, specifically Lifelong Learning in the Professions, Open University of the Netherlands
- Director of Research on Lifelong Learning in the Professions, Netherlands Laboratory for Lifelong Learning (NeLLL), Open University of the Netherlands
- Professor of Educational Sciences, specifically Educational Psychology and ICT, Utrecht University
- Member of the Executive Board of the International Society for the Learning Sciences 2008-2014
- Member of the Executive Board of the Games + Learning + Society
- Member of the Advisory Council of the Stoas Professional University Master of Learning and Instruction for (Green) Education and Companies
- Fellow of the American Educational Research Association

Previous work experience

2003 – 2008 Open University of the Netherlands: Professor of Educational Technology, Educational Technology Expertise Center (OTEC), Open University of the Netherlands
1999 - 2003 Maastricht University: Professor of Contact and Distance Education at the Faculty of General Sciences / Knowledge Engineering (½ time)
1983 - 2003 Open University of the Netherlands, Educational Technology Expertise Center (OTEC): Educational technologist, project team manager and researcher, member of the management board, senior educational technologist and researcher (½ time)
1979 - 1983 Wolters-Noordhoff Publishing Inc. in Groningen, Department of Study and Research: Researcher and course(ware) designer

- 1977 - 1979 City University of Amsterdam: Graduate assistant at the Department of General and Comparative Education
- 1975 - 1978 Commission for Bibliography and Documentation Amsterdam: Documentalist International Nuclear Information Service
- 1976 - 1977 Neighborhood centre 'De Schoor' in Hoorn: English teacher
- 1972 - 1973 Middle Island Middle School, Long Island, USA: Biology and General Science teacher

Areas of expertise

- Computer Supported Collaborative Learning
- Information and communication technology in education – Initial and life long
- Practicals in higher education for the acquisition of cognitive, academic skills and competencies
- Development of learning materials for teacher extensive education and distance learning
- Design of electronic study environments for education
- Text characteristics and learning processes
- Learning, practice, and assessment of skills and competencies

Present functions in scientific organizations and involvement in scientific journals, etc.

- Co-chair Interuniversity Centre for Education and Educational Research, Theme I: Innovative Learning Environments
- Member Executive Committee van CSCL-ISLS (Computer Supported Collaborative Learning-International Society for the Learning Sciences)
- Member College of Referents of the Dutch National Science Foundation (NWO)
- Panellist NSF-ALT program (National Science Foundation – Washington DC)
- Member Institute of Education Sciences Mathematics and Science Education Research Scientific Review Panel
- Member Executive board of the Netherlands Educational Research Association (VOR)
- Chair division Learning and Instruction of the Netherlands Educational Research Association (VOR)
- Co-Chair Special Interest Group 6 (Learning and Instruction with Computers) van de European Association for Research on Learning and Instruction (earli)
- Member Strategic Advisory Board of ELEGI – European Learning GRID Initiative (<http://www.elegi.org/> - FP6 - IST - Technology-enhanced learning and access to cultural heritage)
- Member Scientific Committee for Integrating Content and Language in Higher Education (Maastricht University, June 28 - 1 July 2006)
- Assistant Editor of Computers in Human Behavior
- Executive Advisory Board Member of Educational Technology & Society Journal
- Member Editorial Board of British Journal of Educational Technology
- Member Editorial Board of Journal of Information Technology for Teacher Education / Pedagogy, Technology and Teaching
- Member Editorial Board of International Journal of Continuing Engineering Education and Lifelong Learning
- Member Editorial Board of International Journal of Teaching and Learning in Higher Education
- Member Editorial Board of WebNet Journal
- Member Editorial Board of Research and Practice in Technology Enhanced Learning (journal of the Asia-Pacific Society for Computers in Education (APSCE))

- Member Editorial Review Board Research in Management Education and Development (http://management-education.net/ed_board.html)
- Member Editorial Board of Journal of Computing in Higher Education
- Member Editorial Review Board Open Education Journal
- Reviewer Tijdschrift voor Hoger Onderwijs [Journal for Higher Education]
- Reviewer Educational Technology and Society
- Reviewer British Journal of Educational Psychology
- Reviewer International Review of Research in Open and Distance Learning
- Reviewer Educational Evaluation and Research
- Reviewer Learning & Instruction
- Editor Educational Lexicon "Implementation of ICT in Education (Onderwijskundig Lexicon)
- Consulting editor van International Review of Research in Open and Distance Learning
- National correspondent European Association of Research on Learning and Instruction (earli)
- Evaluator proposals for the bi-annual meetings van de European Association of Research on Learning and Instruction (EARLI)
- Member Jury (Dutch representative) in the European Schoolnet Project (eSCHOLA)
- Member Program Committee of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2006, CELDA2007)
- E-Columnist Edusite
- Member Research Community Advisory Board of the 16th International Conference on Computers in Education - CSCL & Learning Sciences (ICCE 2008)
- Member Program Committee of the First World Summit on the Knowledge Society (Open Research Society)
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Former functions

- Dean of the Research Master Educational Sciences, Utrecht University
- Member of the Board of Studies of the Graduate School for Behavioural and Social Science, Utrecht University
- Chair of the Research Centre Learning in Interaction, Utrecht University
- Member of the management team of the Langeveld Institute for Pedagogic and Educational
- Chair of the discipline group Educational Sciences, Utrecht University
- Research, Utrecht University
- Holder IBM International Chair in Computer Science 1999-2000 at the University of Ghent, Belgium
- Member Educational Council of the Netherlands (portfolio ICT / Initial and Life Long Learning)
- Chair International Conference in the Learning Sciences 2008
- Member Advisory Commission Information Management, Utrecht University
- Member of the Standing Committee for the Scholarship and Science, Utrecht University
- Chair Special Interest Group 'Design of Electronic Learning Environments' of the European initiative PROMETEUS (PROMoting Multimedia access to Training in the European Society) of DG XIII
- Member Program commission for the Dutch National Educational Research Conference 2001 in Amsterdam, The Netherlands

- Member Program commission for the Dutch National Educational Research Conference 2003 in Heerlen, The Netherlands
- Chair Bachelor–Master Commission of the Three) Country Engineering Consortium (Drielanden Ingeneurs Kontakt)
- Member VSNU (Dutch University Consortium) Educational Audit Informatics and Technical Informatics 2001
- Member VSNU (Dutch University Consortium) Educational Audit Electrotechnical Engineering 2004
- Member VLIR (Flemish University Consortium) Educational Audit Informatics and Technical Informatics 2001
- Member preparation group for the European Commission (DG III) call over Experimental School Environments
- Scientific adviser School of the Future (Koning Willem I College in 's-Hertogenbosch)
- Member Executive Advisory Committee of the Anderson Center for Innovation in Undergraduate Education, Rensselaer Polytechnic Institute, vs
- Evaluator of grants for innovation in the Vocational and Adult Education Network and the Dutch Knowledge Network (BVENet and Kennisnet)

Publications

- Kirschner, P. A. (1978). The effect of adjunct question position, type, and the presence or absence of feedback on learning from a videotaped lesson. *The Aspects of Educational Technology XII*, London: Kogan Page.
- Jonasson, D. K. & Kirschner, P.A. (1982). Explicit techniques for structuring text. In D. K. Jonasson (Ed.), *The technology of text: Principles for structuring, designing, and displaying text*. New Jersey: Educational Technology Publications.
- Kirschner, P. A. & Meester, M. A. M. (1988). The laboratory in higher science education: Problems, premises and objectives. *Higher Education*, 17(1), 31-98.
- Kirschner, P. A. & Meester, M. A. M. (1991). Practical objectives at the Open university of the Netherlands. *Journal of Distance Education*, 6(1), 5-27.
- Kirschner, P. A., Van den Brink, H. & Meester, M. A. M. (1991). Audiotape feedback for essays in distance education. *Innovative Higher Education*, 15, 185-195.
- Kirschner, P. A. (1991). *Practicals in higher science education*. PhD Thesis. Utrecht, NL: Lemma.
- Kirschner, P. A. (1992). Epistemology, practical work and academic skills in science education. *Science and Education*, 1, 273-299.
- Kirschner, P. A., Meester, M. A. M. Hermans, H. & Middelbeek, E. (1993). Agreement between student expectations, experiences and actual objectives of practicals in the natural sciences at the Open university of the Netherlands. *International Journal of Science Education*, 15, 175-197.
- Kirschner, P. A. & Valcke, M. A. (1993). From supply driven to demand driven education: New conceptions and the role of information technology therein. *Computers in Human Services*, 6(4), 31-53.
- Kirschner, P. A., & Meester, M. A. M. (1993). Learning objectives for science practicals at traditional and distance universities. *Distance Education*, 14(2), 260-282.
- Meester, M. A. M. & Kirschner, P. A. (1995). Using and developing media. *International Newsletter on Chemical Education*, 41, 7-10.
- Kirschner, P. A., & Meester, M. A. M. (1995). Practical work at the Open University of the Netherlands. *Journal of Science Education and Technology*, 4(2), 127-140.

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- Kirschner, P. A., Valcke, M. & Hermans, H. (1996). From course to study environment: The integration of the workplace in education with a business game learning environment (BuGLE). *Through the looking glass: Reflections on the future of work and learning*. CAUCE: New Brunswick, 159-182.
- Kirschner, P. A. (1996). *A vision of higher education: An educational technology approach*. In J.H. Coetzee & T.G. Smith (Eds.) *Proceedings International Conference on Education and Change*, Pretoria: University of South Africa, 1996.
- Kirschner, P. A. (1996). Design, development and delivery of distance study materials: An industrial approach to distance education. In J.H. Coetzee & T.G. Smith (Eds.) *Proceedings International Conference on Education and Change*, Pretoria: University of South Africa, 1996.
- Cilliers, J. A., Kirschner, P. A. & Basson, I. (1996). Physics education and change at UNISA. In J.H. Coetzee & T.G. Smith (Eds.) *Proceedings International Conference on Education and Change*, Pretoria: University of South Africa, 1996.
- Kirschner, P. A., Wolf, H. C. de, Hermans, H. & Valcke, M. A. (1996). Netherlands: Networks and materials. In *Adult learning and technology in OECD countries*. OECD: Paris, 1996.
- Kirschner, P. A., Vilsteren, P. van, Hummel, H. & Wigman, M. (1997). The design of a study environment for acquiring academic and professional competence, *Studies in Higher Education*, 22, 151-171.
- Kirschner, P. A., Valcke, M. & Vilsteren, P. van (1997). Business game learning environment: Design and development of a competency-based distance education business curriculum at the Open university of the Netherlands. *Distance Education*, 18, 153-177.
- Kirschner, P. A., Valcke, M. & Storm, P. (1997). Placing the student at the centre: Higher distance education facing the challenges of the 21st century. In M. Wassenberg & H. Philipsen (Eds.) *Placing the student at the centre: Current implications of student-centred education*, Maastricht University: Maastricht.
- Westerterp-Plantenga, M.S., Valcke, M.A.M., Kirschner, P.A., Algers, A., Alden, K.I. & Leach, C.K. (1997). Developments in educational technology for professionals and the public applied to nutrition education. In: *Proceedings of the International Congress on Nutrition, Montreal*, 770-776.
- Kirschner, P.A. & Huisman, W. (1998). Dry laboratories in science education: Computer-based practical work. *International Journal of Science Education*, 20, 665-682.
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- Kirschner, P.A. (2000). Using integrated electronic learning environments for collaborative teaching/learning. *Research Dialogue in Learning and Instruction*, 2(1), 1-10.

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- Kirschner, P. A., Jochems, W., & Schlusmans, K. (2002). Open University, the Netherlands. In V. Venogopal Redy & S. Manjulika (Eds.). *Towards visualization: Open and distance learning*. New Delhi: Kogan Page.
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- Kreijns, K., Kirschner, P. A., & Jochems, W. (2003). Identifying the pitfalls for social interaction in computer-supported collaborative learning environments: A Review of the Research. *Computers in Human Behavior*, 19, 335-355.
- Kirschner, P. A., Strijbos, J. W., & Kreijns, K. (2003). Designing integrated collaborative e-learning. In W. Jochems, J. van Merriënboer, & R. Koper (Eds.), *Integrated e-learning: Implications for pedagogy, technology & organization*. London: Taylor & Francis Books Ltd.
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- Strijbos, J-W, Kirschner, P. A., & Martens, R. L. (Eds.) (2004). *What we know about CSCL in higher education*. In P. Dillenbourg (Series Ed.), *Computer-supported collaborative learning: Vol 3*. Boston, MA: Kluwer.
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- Kreijns, K. & Kirschner, P. A., (2004). Determining sociability, social space and social presence in (a)synchronous collaborating teams. *Cyberpsychology and Behavior*, 7, 155-172.
- Kirschner, P. A. (2004). Design, development and implementation of integrated electronic learning environments for collaborative learning. *Educational Technology Research and Development*, 52(3), 39-46.
- Kirschner, P.A., Strijbos, J. W., Kreijns, K., & Beers, P. J. (2004). Designing electronic collaborative learning environments *Educational Technology Research and Development*, 52(3), 47-66.
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- Elen, J., Gerjets, P., Joiner, R., & Kirschner, P. A. (Eds.) (2004). *Instructional design for effective and enjoyable computer-supported learning*. Tübingen, Germany: Knowledge Media Research Center.
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- Kirschner, P. A. (2005). Learning in innovative learning environments. *Computers in Human Behavior*, 21, 547-554.
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- Kirschner, P. A. & Gerjets, P. (2006). Special issue: Instructional design for effective and enjoyable computer-supported learning. *Computers in Human Behavior, 22*(1).
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- Kirschner, P. A., & Selinger, M. (2005). Benchmarks for teacher education with respect to ICT. In C. Vrasidas & G. V. Glass (Eds.), *Current Perspectives in Applied Information Technologies: Preparing teachers to teach with technology* (pp. 169-190). Greenwich, CT: Information Age Publishing, Inc.
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- Kirschner, P. A., Sweller, J., & Clark, R. E. (2006). Why minimal guidance during instruction does not work: An analysis of the failure of constructivist, discovery, problem-based, experiential, and inquiry-based teaching. *Educational Psychologist, 46*(2), 75-86.
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