

EDUCATION

1962 AB College of Wooster, Wooster, Ohio  
1963 AM University of Michigan, Ann Arbor, Michigan  
1972 PhD Bryn Mawr College (thesis on Jan van Scorel;  
advisor: Prof. James Snyder)

RESEARCH TRAINING

1966-68 Amsterdam, Art History Institute of the State  
University of Amsterdam (studied with J.  
Bruyn, J.Q. van Regteren Altena, H. Jaffé)  
1973-74 Amsterdam, Central Research Laboratory for Works of Art  
and Science (with support of National Endowment for the  
Humanities Post-doc Younger Humanist Grant)

EMPLOYMENT

1969-71 Instructor, Swarthmore College, Swarthmore, Pa.  
1972-73 Lecturer, Goucher College, Towson, Md.  
1975, spring Guest curator, Centraal Museum, Utrecht, The Netherlands  
1975-78 Assistant Professor, Indiana University  
1978-85 Associate Professor, Indiana University  
1985-2005 Professor, Indiana University  
1998-2005 Professor and Chair, Technical Studies in Art History,  
University of Groningen, The Netherlands  
2006- Professor Emerita, Indiana University and University of  
Groningen

GRANTS, FELLOWSHIPS, AND AWARDS

1995 College Art Association/National Institute for  
Conservation Joint Award for Distinction in  
Scholarship and Conservation  
2001 American Institute for Conservation Caroline and Sheldon  
Keck Award for Excellence in Education  
  
1966-67 Fulbright-Hays Grant  
1967-68 Fels Foundation Dissertation Grant  
1973-74 NEH Fellowship (ACLS declined)  
1975- Indiana University Grants-in-Aid (1975, 1976, 1977,  
1982, 1983, 1987, 1988); Indiana University  
Summer Faculty Fellowships (1976, 1978, 1987, 1997)  
1979-80 ACLS Fellowship (Chester A. Dale Fellowship declined)  
1981-82 Senior Fellow, Center for Advanced Study in  
the Visual Arts, Washington, D.C.  
1984-87 National Endowment for the Humanities Basic  
Research Grant

1986-87	Fellow-in-residence, Netherlands Institute for Advanced Study in the Humanities and Social Sciences, Wassenaar, The Netherlands
1991, spring	National Humanities Center Fellowship, Research Triangle Park, North Carolina
1991, fall	Visiting Scholar, Netherlands Organization for Research
1997, March	Visiting Scholar, Netherlands Organization for Research
1990/91-96/97	Samuel H. Kress Foundation Grant for Art Historical Research Using Infrared Reflectography (matched by Indiana University)
2000-04	Netherlands Organization for Research, Co-director Program: Painting in Antwerp Before Iconoclasm
2003-06	Mondrian Foundation, Co-director, grant for systematic catalogue of 15 <sup>th</sup> -16 <sup>th</sup> century painting collection, Centraal Museum, Utrecht, NL
2004-05	Netherlands Organization for Research, Coordinating Principal Investigator, De Mayerne Program for Molecular Studies in Conservation and Technical Studies in Art History; project: "Infrared Reflectography: Evaluative Studies"
2006-08	Mondrian Foundation, Co-editor and member of research team, Catalogue of 15 <sup>th</sup> - and 16 <sup>th</sup> -century Paintings, Amsterdam, Rijksmuseum

#### COURSES TAUGHT AT INDIANA UNIVERSITY

A102: Survey, Renaissance to Modern Art  
 A300: Art in the Making  
 A332: 16th and 17th Century Art in Southern Europe  
 A333: From Van Eyck to Vermeer  
 A337: The Age of Rubens and Rembrandt  
 A437/537: Early Netherlandish Painting  
 A476: History of the Print  
 A490: Undergraduate Honors Thesis (Chair of Program, 1987-91)  
 A495: Topics in Art History (tutorials)  
 A590: Museum Studies  
 A637: Topics in Early Netherlandish Painting  
 A639: Topics in 17th Century Art Outside Italy  
 A778: Tutorial in Infrared Reflectography  
 A780: Fieldwork using Infrared Reflectography

#### COURSES TAUGHT AT RIJKSUNIVERSITEIT GRONINGEN

*Themacollege* (Upper division courses): Netherlandish Painting 1480-1550; Jan van Eyck  
*Bijvak* (Minor): *Materieel-technisch Onderzoek* (Technical Studies in Art History); IRR fieldwork and follow-up research for M.A. and Ph.D. students  
*Vaardigheidscollege* (Professional Skills): Introduction to technical studies in art history; 1<sup>st</sup>-year class  
*Materieel-technisch kunstgeschiedenis* (Technical Art History), 1<sup>st</sup>-, 2<sup>nd</sup>-, and 3<sup>rd</sup>-year courses

## INFRARED REFLECTOGRAPHY WORKSHOPS

1991, Cologne, Germany, Wallraf-Richartz-Museum  
1992, Toledo, Ohio, The Toledo Museum of Art  
1993, Cologne, Germany, Wallraf-Richartz-Museum  
1994, Toledo, Ohio, The Toledo Museum of Art  
1995, RKD (Art History Institute), The Hague, The Netherlands  
1996, New York, New York University Conservation Institute  
1996, Detroit, Michigan, The Detroit Institute of Arts  
1997, Princeton, N.J., Princeton University Art Museum  
1998, Harvard University, Straus Conservation Center  
2007, New York, New York University Conservation Institute (May, 2007)

## PUBLICATIONS

### BOOKS, MUSEUM CATALOGUES, AND MONOGRAPHIC STUDIES

"Underdrawings in the workshop production of Jan van Scorel: a study with infrared reflectography," Nederlands Kunsthistorisch Jaarboek 26 (1975), pp. 89-229.

Jan van Scorel in Utrecht, exhib. cat., Centraal Museum, Utrecht, March 5-May 1, 1977, and Jan van Scorel d'Utrecht, Musée de la Chartreuse, Douai, May 18-July 17, 1977 (co-authored with J. G. van Gelder, J. Guillouet, D.P. Snoep, J.A.L. De Meyere, and J.R.J. van Asperen de Boer).

Kunst voor de beeldenstorm, exhib. cat. Rijksmuseum, Amsterdam, 13 Sept.- 23 Nov. 1986, esp. essay, "Painting technique and workshop practice in Northern Netherlandish art of the sixteenth century," plus biography of Jan van Scorel and a number of entries (essay co-authored with J.R.J. van Asperen de Boer and J.P. Filedt Kok).

The Madonnas of Jan van Scorel, serial production of a cherished motif, exhib. cat. Centraal Museum, Utrecht, 8 April - 2 July 2000 (with Liesbeth M. Helmus and with contributions by J.R.J. van Asperen de Boer).

Recent Developments in the Technical Examination of Early Netherlandish Painting: Methodology, Limitations & Perspectives, Harvard University Art Museums, Cambridge, in collaboration with Brepols Publishers, Turnhout, Belgium, 2003. (co-edited with Ron Spronk)

Making and Marketing: Studies of the Painting Process in Fifteenth- and Sixteenth-Century Netherlandish Workshops, Turnhout, Brepols Publishers, 2006. (edited by Molly Faries)

Utrecht Painting, 1400-1600, The Collection of the Centraal Museum, Utrecht (co-edited with Liesbeth M. Helmus; co-authored with Liesbeth M. Helmus and Dorien Tamis, forthcoming 2008).

### DOCUMENTATION AND PUBLICATIONS RELATED TO INFRARED STUDIES

1558 35 mm black and white films of IRR negatives with written reports of 1700 IRR examinations. Now archived at the RKD (Netherlands Institute for Art

History), The Hague; as of the summer of 2006, all IRR negatives have been digitized. A database of Kress paintings studied by IRR exists, now on file with the Samuel H. Kress Foundation and the National Gallery, Washington, D.C.

Northern Renaissance Paintings, The Discovery of Invention, The Saint Louis Art Museum Bulletin, Saint Louis, Summer 1986 (co-authored with Maryan Ainsworth).

Contributions, infrared documents and information for entries, and Appendix II in Early Netherlandish Painting, National Gallery of Art, Systematic Catalogue, Washington, D.C., 1986 (by J. Hand and M. Wolff).

IRR documents for various entries in German Paintings of the Fifteenth Through Seventeenth Centuries, Washington, D.C., 1993 (by J.O. Hand).

Infrared documentation, plus essay, "Introduction, technical investigation of fifteenth and sixteenth-century French and Germany paintings in the Boymans-van Beuningen Museum" in German and French Painting, Fifteenth and Sixteenth Centuries (by Julien Chapuis), Museum Boijmans-van Beuningen, Rotterdam, 1995, pp. 6-9.

Infrared documentation, plus essay, "The Use of Infrared Reflectography in the Study of Italian Painting at The Nelson-Atkins Museum of Art," pp. 25-27 in The Collections of The Nelson-Atkins Museum of Art, Italian Paintings 1300-1800 (by E.W. Rowlands), Kansas City, 1996, and information for cat. nos. 1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 17, 19, 22, 30.

Infrared documentation, plus essay, "The Examination of Houston's Italian Collection by Infrared Reflectography," pp. 17-21, in Italian Paintings, XIV-XVI Centuries, in the Museum of Fine Arts, Houston (by Carolyn Wilson), The Museum of Fine Arts, Houston and Rice University Press, London, 1996, and information for numerous entries.

Infrared documentation, plus essay, "Toelichting op het technisch onderzoek van 15de- en 16de-eeuwse schilderijen," in Goddelijk geschilderd, honderd meesterwerken van Museum Catharijneconvent, Utrecht, Zwolle, Waanders Uitgevers, 2003, pp. 274-5 and information for cat. nos. 3, 6, 7, 12, 14-15, 20, 22, 24-27, 29.

Infrared documentation, plus essay, "Infrared Reflectography and Other Methods of Technical Investigation in the Study of Early Northern European Paintings at The Nelson-Atkins Museum of Art," pp. 19-24 in German and Netherlandish Paintings 1450-1600, The Collections of the Nelson-Atkins Museum of Art (by Burton L. Dunbar), Kansas City, MO, 2005, and information for cat. nos. 1-3, 6-10, 13-21, 23-24.

Contributor to Schilderkunst van de late Middeleeuwen: Vroege Hollanders, F. Lammertse and J. Giltaij eds., Rotterdam, Museum Boijmans Van Beuningen, 2008.

#### OTHER PUBLICATIONS

"Jan van Scorel, Additional Documents from the Church Records of Utrecht," Oud Holland 75 (1970), pp. 2-24.

"Swarthmore's 'Underground' Art Collection," Swarthmore College Alumni Bulletin (December 1971), pp. 15-17.

"A Drawing of the Brazen Serpent by Michiel Coxie," Revue belge d'archéologie et d'histoire de l'art 44 (1975), pp. 131-141.

"Research during the Jan van Scorel in Utrecht exhibition," Simiolus 9 (1977), pp. 169-182 (with J.R.J. van Asperen de Boer).

"Major art acquisition, paintings from the German Renaissance," Indiana Alumni Magazine 41 (1979), pp. 24-25.

"The underdrawn composition of Rogier van der Weyden's St. Luke Drawing a Portrait of the Virgin in Boston," in Le dessin sous-jacent dans la peinture, Colloque III: Le problème Maître de Flémalle-van der Weyden (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 11), eds. R. Van Schoute and D. Hollanders-Favart, 1981, pp. 93-101.

"Survey of Fifteenth- and Sixteenth- Century Northern European Panel Painting in the National Gallery with Infrared Reflectography," in Center 2, Research Reports and Record of Activities, National Gallery of Art, Center for Advanced Study in the Visual Arts, Washington, D.C., 1982, pp. 37-38.

"A woodcut of the Flood re-attributed to Jan van Scorel," Oud Holland 97 (1983), pp. 5-12.

"Two additional panels from the Jan van Scorel group: comments on authorship," Le dessin sous-jacent dans la peinture, Colloque IV: L'attribution en peinture (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 13), eds. R. Van Schoute and D. Hollanders-Favart, 1983, pp. 121-131.

"Some remarks on the inter-relationships of underdrawings, drawings, and prints," Le dessin sous-jacent dans la peinture, Colloque V: dessin sous-jacent et autres techniques graphiques, (Université Catholique de Louvain, Institut Supérieur d'archéologie et d'histoire de l'art, Document de travail no.20), eds. R. Van Schoute and D. Hollanders-Favart, 1985, pp. 144-158.

"Jan van Scorel, de 'top' van kunstenaars, die Rome naar de Rijnstroom brengt," Kunstschrift, Openbaar Kunstbezit 30 (July/August 1986), pp. 128-133.

"The Recently Discovered Underdrawings of the Master of the Saint Ursula Legend's Triptych of the Nativity," Bulletin of the Detroit Institute of Arts 62, no. 4 (1987), pp. 4-19 (with B. Heller and D. Levine).

"The technical investigation of some panels in the Master of the Holy Kinship group: a progress report," in Le dessin sous-jacent dans la peinture, Colloque 6: Infrarouge et autres techniques d'examen (Université catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 23), eds. H. Verougstraete-Marcq and R. Van Schoute, 1987, pp. 63-69.

"Bibliographie de l'infrarouge et du dessin sous-jacent, 1979- 1985," in Le dessin sous-jacent dans la peinture, Colloque VI: Infrarouge et autres techniques d'examen (Université catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no.23), eds. H. Verougstraete-Marcq and R. Van Schoute, 1987, pp. 113-190 (with A. Philippart, L. Williams, R. Van Schoute).

"Collaborative research: the technical examination of panels in the Jan van Scorel group by art historian and scientist," Color and Technique in Renaissance Painting, Italy and the North, ed. Marcia B. Hall, Locust Hill, N.Y., J.J. Augustin, 1987, pp. 68-75 (with J.R.J. van Asperen de Boer).

"Some results of recent Scorel research: Scorel's definition of landscape in design and color," Color and Technique in Renaissance Painting, Italy and the North, ed. Marcia B. Hall, Locust Hill, N.Y., J.J. Augustin, 1987, pp. 76-89.

"The Underdrawing of Jan Provoost's Last Judgment in Bruges," in Le dessin sous-jacent dans la peinture, Colloque VII: Géographie et chronologie du dessin sous-jacent (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 24), eds. R. Van Schoute and H. Verougstaete-Marcq, 1989, pp. 137-44.

"The First Examples of Titles in Underdrawing," in Le dessin sous-jacent dans la peinture, Colloque VII: Géographie et chronologie du dessin sous-jacent (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 24), eds. R. Van Schoute and H. Verougstraete-Marcq, 1989, pp. 144-46.

An Exhibition of Technical Documents: Five Early Northern Paintings in the Cleveland Museum of Art and Related Works, guide to the exhibition, Cleveland Museum of Art, October 26- 27, 1989 (with Sophia Wallace).

"La Vierge au Chancelier Rolin de Van Eyck: examen au moyen de la réflectographie à l'infrarouge," La Revue du Louvre 40 (1990), no. 1, pp. 37-49 (with J.R.J. van Asperen de Boer).

Contributions (infrared reflectography examinations and interpretation, and translation of summary) to: Macht en onderhorigheid binnen de Ridderlijke Orde van Sint Jan, De commandeursportretten uit het Sint Jansklooster te Haarlem, Haarlem, 1991, by Truus van Bueren.

"Bibliographie de l'infrarouge et du dessin sous-jacent, 1988-90 et addendum," in Le dessin sous-jacent dans la peinture, Colloque VIII: Dessin sous-jacent et copies (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 26), ed. H. Verougstraete-Marcq and R. Van Schoute, 1991, pp. 189-263 (with D. Dubois, C. Metzger, and R. Van Schoute).

"Stefan Lochner's Darmstadt Presentation in the Temple and the Louvre 'copy'," in Le dessin sous-jacent dans la peinture, Colloque VIII: Dessin sous-jacent et copies (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 26), ed. H. Verougstraete-Marcq and R. Van Schoute, 1991, pp. 15-24.

"The 'Portraits' in Geertgen tot Sint Jans' Vienna panels," in Le dessin sous-jacent dans la peinture, Colloque VIII: Dessin sous-jacent et copies (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 26), ed. H. Verougstraete-Marcq and R. Van Schoute, 1991, pp. 141-150 (with Truus van Bueren).

"Master and Pupil: a North-Netherlandish Example" in Le dessin sous-jacent dans la peinture, Colloque IX: Dessin sous-jacent et pratiques d'atelier (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 27), ed. R. Van Schoute and H. Verougstraete-Marcq, 1993, pp. 101-111.

"Extracts from Scientific Reports," in The Triumph of Death, Pieter Brueghel the Younger, Antwerp, Museum Mayer van den Burgh, 1993, pp. 11-13 (book compiled by James I.W. Corcoran).

"Stefan Lochners Unterzeichnungen: Erste Einsichten," in exhib. cat. Stefan Lochner Meister zu Köln, Herkunft - Werke - Wirkung, ed. by Frank Günter Zehnder, Cologne, Wallraf-Richartz-Museum, 1993, pp. 169-180.

Contributions (a number of entries, biographies, and bibliographic citations) to: Fiamminghi a Roma, 1508/1608, exhib. cat., Brussels, Het Paleis voor Schone Kunsten, 1995, and Rome, Palazzo delle Esposizione, 1995.

"Maarten van Heemskerck and Jan van Scorel's Haarlem Workshop" in Historical Painting Techniques, Materials, and Studio Practice, ed. A. Wallert, E. Hermens, and M. Peek, The Getty Conservation Institute, 1995, pp. 135-139 (with Christa Steinbüchel and J.R.J. van Asperen de Boer).

"Attributing the Layers of Maarten van Heemskerck's Cologne Lamentation," in Le dessin sous-jacent dans la peinture, Colloque X: Le dessin sous-jacent dans le process de création (Université Catholique de Louvain, Institut supérieur d'archéologie et d'histoire de l'art, Document de travail no. 28), ed. R. Van Schoute and H. Verougstraete-Marcq, Louvain-la-neuve, Belgium, 1995, pp. 133-141.

"Fifteenth-century Painting Theory in Northern Europe: Points of Comparison with Italy, Comments" in Southeastern College Art Conference Review 12 (1995), pp. 444-445.

"Lost, Reexamined, Restored: Discussion," in The Metropolitan Museum of Art, New York, Petrus Christus in Renaissance Bruges, An Interdisciplinary Approach, ed. M.W. Ainsworth, Turnhout, Belgium, 1995, pp. 143-146.

"Landscape in the early paintings of Jan van Scorel," The Burlington Magazine 138 (November 1996), pp. 724-733 (with Martha Wolff).

Encyclopedia entry, the Dictionary of Art, ed. J. Turner, MacMillan Publishers Ltd., London, 1996, vol. 28, pp. 215-219, "Jan van Scorel".

"Robert Campin and Stefan Lochner: any connection?," in Robert Campin, New

Directions in Scholarship, ed. S. Foister and S. Nash, Turnhout, Belgium, Brepols Publishers, 1996, pp. 135-147.

"The Underdrawing of Hans Memling's Last Judgment Altarpiece in Gdansk," in Memling Studies, Proceedings of the International Colloquium, Bruges 10-12, 1994, ed. by H. Verougstraete, R. Van Schoute, and M. Smeyers, Leuven, 1997, pp. 243-259.

"Covering-over and Covering-up: Some Instances in the Re-use of Panels in Paintings after Hieronymus Bosch," in Colloque XI pour le dessin sous-jacent et la technologie dans la peinture: Dessin sous-jacent et technologie de la peinture, perspectives (Université Catholique de Louvain, Département d'archéologie de d'histoire de l'art, Document de travail no. 29), ed. by R. Van Schoute and H. Verougstraete, Louvain-la-Neuve, 1997, pp. 7-17 (with J.R.J. van Asperen de Boer).

"Infrared Reflectography (IRR) and Art History: The Pioneering Years (1970-1975)" in Album Discipulorum J.R.J. van Asperen de Boer, Zwolle, 1997, pp. 9-18 (with J.P. Filedt Kok).

"The infrared studies of Rogier van der Weyden's St. Luke Drawing a Portrait of the Virgin in Boston: Stages of Investigation and Perception," in Rogier van der Weyden, St. Luke Drawing the Virgin, Selected Essays in Context, ed. C. Purtle, Brepols, 1997, pp. 87-99.

"Underdrawing in Cologne Paintings, Interpretative Issues Related to Attribution and Workshop Practice," in Unsichtbare Meisterzeichnungen auf dem Malgrund, Cranach und seine Zeitgenossen, ed. Ingo Sandner, Regensburg, 1998, pp. 309-316.

"The Cincinnati Landscape with the Offering of Isaac by Herri met de Bles: Imagery and Artistic Strategies," in Herri met de Bles, Studies and Explorations of the World Landscape Tradition, ed. Norman E. Muller, Betsy J. Rosasco, and James H. Marrow, The Art Museum of Princeton University in collaboration with Brepols Publishers, Turnhout, 1998, pp. 73-84 (with Stephen Bonadies of the Cincinnati Art Museum).

"The Elusive Early Lochner," Wallraf-Richartz-Jahrbuch (Stefan Lochner, Meister zu Köln, Herkunft, Werke, Wirkung, Ergebnisse des wissenschaftlichen Kolloquiums zur Ausstellung im Wallraf-Richartz-Museum) LVIII (1997), pp. 185-190. [N.B. appeared in 1998.]

"Die Werkstaat Jan van Scorels in Haarlem," in Künstlerwerkstätten der Renaissance, ed. Roberto Cassanelli, Milan, 1998, pp. 297-309 (original appeared as La Bottega dell' Artista tra Medioevo e Rinascimento).

"Jan van Scorel's Jerusalem Landscapes," in In Detail: New Studies of Northern Renaissance Art in Honor of Walter S. Gibson, ed. Laurinda S. Dixon, Turnhout, Brepols Publishers, 1998, pp. 113-134.

"Jan van Scorel as Painter/Entrepreneur," in Colloque XII pour l'étude du dessin sous-jacent et de la technologie dans la peinture: La peinture dans les Pays-Bas au 16e siècle, Pratiques d'atelier, ed. by H. Verougstraete and R. Van Schoute with A. Dubois, Louvain-la-Neuve, 1999, pp. 1-17.

"The Underdrawing in Jan van Eyck's Dresden Triptych," in Colloque XII pour l'étude du dessin sous-jacent et de la technologie dans la peinture: La peinture dans les Pays-Bas au 16e siècle, Pratiques d'atelier, ed. by H. Verougstrate and R. Van Schoute with A. Dubois, Louvain-la-Neuve, 1999, pp. 221-229.

"Care for the Here and the Hereafter: using IRR in the Study of Memorial Paintings," in Colloque XII pour l'étude du dessin sous-jacent et de la technologie dans la peinture: La peinture dans les Pays-Bas au 16e siècle, Pratiques d'atelier, ed. by H. Verougstraete and R. Van Schoute with A. Dubois, Louvain-la-Neuve, 1999, pp. 147-154 (with Truus van Bueren).

"Jan van Scorel's Clerical Patronage," in Bollettino d'arte, Supplemento al fasc. N. 100 (1997), ed. N. Dacos, pp. 107-116. [N.B. this appeared in Jan., 2000.]

"'Ecce Rex Vester' - 'Áanschouw Uw Koning', Een vroeg meesterwerk van Maarten van Heemskerck," 200 Jaar Verzamelen, Collectieboek Museum voor Schone Kunsten Gent, Ghent, 2000, pp. 65-69 (with Linda Jansen).

IRR Contributions:  
200 Jaar Verzamelen, Collectieboek Museum voor Schone Kunsten Gent, Ghent, 2000, figs. pp. 38, 54-55, 59, 66.

IRR contributions, editing of student papers, and essay, "Some Thoughts on the Infrared Reflectography Workshop Experience," in Record of the Art Museum Princeton University 59 (2000), pp. 33-37. [N.B. published in 2001]

"Reshaping the Field: the Contribution of Technical Studies," in Early Netherlandish Painting at the Crossroads: A Critical Look at Current Methodologies (The Metropolitan Museum of Art Symposia), ed. Maryan W. Ainsworth, New York, 2001, pp. 70-105.

"Another New Early Jan van Scorel," in Polyptiek, een veelluik van Groninger bijdragen aan de kunstgeschiedenis, ed. Henk Th. van Veen, Victor M. Schmidt, Joost M. Keizer, Zwolle, Waanders Uitgevers, 2002, pp. 41-49.  
[N.B. appeared in 2003]

"Painting in Antwerp Before Iconoclasm (ca. 1480-1566), a Socio-Economic Approach: Comments on Methodology" in Le Dessin sous-jacent et la technologie dans la peinture, Colloque XIV: Jérôme Bosch et son Entourage et autres études, ed. Helene Verougstraete and Roger Van Schoute, Leuven, Uitgeverij Peeters, 2003, pp. 161-64 (with Maximiliaan P.J. Martens).

"Technical Studies of Early Netherlandish Painting: A Critical Overview of Recent Developments," in Recent Developments in the Technical Examination of Early Netherlandish Painting: Methodology, Limitations & and Perspectives, ed. Molly Faries and Ron Spronk, Harvard University Art Museums, Cambridge, in collaboration with Brepols Publishers, Turnhout, Belgium, 2003, pp. 1-37.

"Glossary," in Recent Developments in the Technical Examination of Early Netherlandish Painting: Methodology, Limitations & and Perspectives, ed. Molly Faries and Ron Spronk, Harvard University Art Museums, Cambridge, in collaboration with Brepols Publishers, Turnhout, Belgium, 2003, pp. 149-170

(edited, and written in collaboration with others).

"Analytical Capabilities of Infrared Reflectography: An Art Historian's Perspective," in Scientific Examination of Art: Modern Techniques in Conservation and Analysis (Arthur M. Sackler Colloquia of the National Academy of Sciences, Washington, D.C.), The National Academies Press, 2005, pp. 87-104. (Also available on-line: [www.nap.edu](http://www.nap.edu))

"Jan van Scorel's Mary Magdalene: Original and Copy," in La dessin sous-jacent et la technologie dans la peinture, Colloque XV: La peinture ancienne et ses procédés, copies, répliques, pastiches, ed. Hélène Verougstraete and Jacqueline Couvert, Leuven, 2006, pp. 150-58.

"Jan Gossaert's Malvagna Triptych: a Study of Two Versions," in La dessin sous-jacent et la technologie dans la peinture, Colloque XV: La peinture ancienne et ses procédés, copies, répliques, pastiches, ed. Hélène Verougstraete and Jacqueline Couvert, Leuven, 2006, 138-49 (with Maryan Ainsworth).

"Making and Marketing: Studies of the Painting Process," in Making and Marketing: Studies of the Painting Process in Fifteenth- and Sixteenth-Century Netherlandish Workshops, ed. M. Faries, Turnhout, Brepols Publishers, 2006, pp. 1-14.

"Jan van Scorel in Venice: crosscurrents of influence and technique," in Nord/Sud, Presenze e Ricezione Fiamminghe in Liguria, Veneto e Sardegna, Prospettive di Studio e Indagini Tecniche, eds. Caterina Limentani Viridis and Maddalena Bellavitis, Padua, Il Poligrafo, 2007, pp. 103-11.

"De laat-middeleeuwse schilder aan het werk: Hollandse atelierpraktijken in de vijftiende eeuw," in Schilderkunst van de late Middeleeuwen: Vroege Hollanders, F. Lammertse and J. Giltaij eds., Rotterdam, Museum Boijmans Van Beuningen, 2008, pp. 43-58 (co-authored with Jan Piet Filedt Kok, Micha Leeflang and Margreet Wolters)

"Geertgen tot Sint Jans: Continuing Studies of the Painting Process," in Essays Honoring J.P. Filedt Kok upon his retirement from the Rijksmuseum, Simiolus 33 (2007-08), pp. 22-32

"IRR Update: Practical and Interpretative Issues" in La dessin sous-jacent et la technologie dans la peinture, Colloque XVI, ed. H. Verougstraete, forthcoming 2008.

"Expanding Possibilities for Technical Documentation and Institutional Research," in Essays in Honor of the 50<sup>th</sup> Anniversary of the Centre for the Study of Fifteenth-Century Painting in the Southern Netherlands, Brussels, forthcoming in Bulletin, Koninklijk Instituut voor het Kunstpatrimonium/Institut royal du Patrimoine artistique (forthcoming 2008)

Contributions in Catalogue of the Rijksmuseum, 15<sup>th</sup>- and 16<sup>th</sup>-century Paintings, ed. J.P. Filedt Kok (forthcoming as an online publication 2008)

In progress:

Discovering Underdrawings, A Guide to Method and Interpretation, revision of reader, Studying Underdrawings: Notes for the Cologne Workshop, 1991, (Copyright TXu 482 217)  
Monograph on Jan van Scorel.

#### PAPERS AND PRESENTATIONS

- 1966 New York City, Frick Art Museum, "Manet and Popular Imagery"  
1971 Towson, Md., Goucher College, "Gossaert and Eyckian Revival"  
1973 New York City, College Art Association, "Jan van Scorel and the Dutch Aristocracy"  
1975 Northhampton, Smith College, "The Creation of a Six-Winged Altarpiece"  
1976 Cleveland Museum of Art, Midwest Art History Society, "Jan van Scorel: Aspects of Workshop Practice"  
1977 Utrecht, The Netherlands, and Douai, France, Gallery talks at the Jan van Scorel exhibition  
1979 Catholic University of Louvain, Belgium, International Colloquium on the Master of Flémalle/Van der Weyden, "The Underdrawn Composition of Rogier van der Weyden's St. Luke Drawing a Portrait of the Virgin in Boston"  
1980 Iowa City, University of Iowa, "Art History and Technology"  
1980 New Orleans, College Art Association meeting, "Infrared Reflectography and Rogier van der Weyden's St. Luke in Boston"  
1980 Bryn Mawr College, Lanx Saturae, a Symposium in Honor of Charles Mitchell, "An Unpublished Work by Jan van Scorel"  
1980 Philadelphia, Temple University, NEH Conference on Color and Technique in Renaissance Painting, "Collaborative research by art historian and scientist" (with J.R.J. van Asperen de Boer) and "Some results of recent Scorel research: Scorel's definition of landscape in design and color"  
1981 New York University, Institute of Fine Arts, "Putting Underdrawings in their Place: Recent Scorel Studies"  
1981 Newark, University of Delaware, Winterthur Conservation Program, "Pigments and Painting Techniques in the Jan van Scorel Group"  
1981 Louvain-la-Neuve, Belgium, International Symposium on the Study of Underdrawings, "Two Additional Panels from the Jan van Scorel Group: Comments on Authorship"  
1981 Washington, D.C., National Gallery of Art, Colloquium at the Center for Advanced Study in the Visual Arts, "Infrared Reflectography and the Study of Underdrawings"  
1982 Cincinnati Museum of Art, Midwest Conservation Guild, "An Introduction to Infrared Reflectography"  
1982 Boston, Museum of Fine Arts and Tufts University, "Discovering Unseen Drawings by Renaissance Masters: Investigations with Infrared Light"  
1983 Philadelphia, College Art Association meeting, "The art historian in the laboratory"  
1983 Iowa City, University of Iowa, Midwest Art History Society meeting, "Investigating Paintings by the Master of the Holy Kinship with Infrared Light: a Progress Report"  
1983 Louvain-la-neuve, Belgium, International Colloquium on the Study of Underdrawings, "Remarks on the Inter-relationships of Underdrawings, Drawings, and Prints"

- 1984 Toronto, College Art Association meeting, Historians of Netherlandish Art meeting, "Opportunities for Art Historians in the Technical Investigation of Paintings"
- 1984 Kansas City, Nelson-Atkins Gallery, and University of Missouri-Kansas City, "Discovering Unseen Drawings by Renaissance Masters: Investigations with Infrared Light"
- 1984 Madison, University of Wisconsin, Midwest Art History Society meeting, "Infrared Reflectography: A Demonstration"
- 1984 Saint Louis Art Museum and Washington University, "Infrared Reflectography and the Study of Early European Paintings"
- 1984 Washington, D.C., Chair of art history session, meeting of American Association for Netherlandic Studies
- 1984 Lawrence, Kansas, Kansas University, "The Study of Renaissance Paintings with Infrared Reflectography"
- 1985 Brussels, Musées royaux des Beaux-Arts de Belgique, International Colloquium on the Study of Underdrawings sponsored by the Catholic University of Louvain, "A discussion of the Crucifixion attributed to the Master of the Holy Kinship in Brussels"
- 1985 Pittsburgh, Pennsylvania, Tradition and Innovation in the Study of Northern European Art, an International Research Conference sponsored by the Historians of Netherlandish Art, "Report on the Infrared Reflectography Survey of Midwestern Collections"
- 1985 Indianapolis Museum of Art, Mid-America College Art Association, "A Demonstration and Discussion of Infrared Reflectography"
- 1986 Chicago, Northwestern University, Midwest Art History Society, Chair of session: "Conservation and Technical Investigations"
- 1986 Washington, D.C., Center for Advanced Study in the Visual Arts, National Gallery of Art, Invited participant in one-day seminar on Northern Renaissance Art
- 1986 Amsterdam, Rijksmuseum, "Jan van Scorel, `lanteeren-drager onser consten'" (October 23)
- 1986 Amsterdam, Vondelkerk, lecture-demonstration for Openbaar Kunstbezit, "Een schilderij doorzien" (November 18)
- 1986 Amsterdam, Rijksmuseum, International Symposium on North Netherlandish Art 1525-1580, "The Portraits of Jacob Cornelisz van Oostanen in Amsterdam and Toledo" (November 19)
- 1986 Amsterdam, Rijksmuseum, International Symposium on North Netherlandish Art 1525-1580, reporter for the workgroup, Jan van Scorel and his studio (November 20)
- 1986 Amsterdam, Vrije Universiteit, "The Rediscovery of Jan van Scorel" (December 8)
- 1986 Wassenaar, Netherlands Institute for Advanced Study, "Jan van Scorel, update on the research" (December 9)
- 1987 Groningen, The Netherlands, State University, Institute for Art History, "What good are underdrawings anyway?" (March 27)
- 1987 Wassenaar, Netherlands Institute for Advanced Study, "The study of underdrawings" (April 9)
- 1987 Amsterdam, Royal Academy of Arts and Sciences, "Jan van Scorel, recent research" (September 7)
- 1987 Louvain-la-neuve, Belgium, International Colloquium on the Study of Underdrawings sponsored by the Catholic University of Louvain, "The Underdrawing of Jan Provoost's Last Judgment in Bruges" (Sept. 19)

- 1988 Washington, D.C., National Gallery of Art (March 18), lecture-demonstration, "Infrared reflectography: a practicum"
- 1988 Minneapolis, American Association for Netherlandic Studies, chair of session on landscape painting
- 1989 College Art Association, San Francisco, Session for the Historians of Netherlandish Art, "Re-reading the Evidence: Jan van Scorel's Stoning of St. Stephen" (Feb. 16)
- 1989 University of Southern Illinois/Carbondale, "The Unseen World of a Painting: Revelations with Infrared Light" (May 1)
- 1989 Bryn Mawr College, "Reviewing the evidence: infrared reflectography after 20 years", paper in honor of Prof. James E. Snyder (June 3)
- 1989 Brussels, Institut Royal du Patrimoine Artistique, "Stefan Lochner's Darmstadt Presentation in the Temple and the Louvre copy", International Colloquium on the Study of Underdrawings sponsored by the Catholic University of Louvain (Sept. 8)
- 1989 Cleveland Museum of Art, "Some Comments on Cleveland Paintings, the Geertgen tot Sint Jans in Particular", featured speaker at the International Symposium of the Historians of Netherlandish Art: In Search of the Netherlandish Tradition, Cleveland, Ohio, Oct. 26-28
- 1990 Reed College, Portland Oregon, 2 day workshop, "Infrared Reflectography: A practicum" (March 2 and 5)
- 1990 Carleton College, Northfield, Minnesota, "Reviewing the evidence: technical examination of Renaissance paintings," (April 26-27)
- 1991 College Art Association, Washington, D.C., "The Underdrawing of the 'Annunciation' and the Question of Eyckian Style" (Feb. 22)
- 1991 University of North Carolina, Chapel Hill, "Re-reading the evidence: studies with infrared light and Jan van Scorel" (March 22)
- 1991 National Humanities Center, Research Triangle Park, NC, "Discovering Unseen Drawings," (April 28)
- 1991 Center for Advanced Study in the Visual Arts, National Gallery, Washington, D.C., invited participant at a colloquy on Gerard David's Saint Anne Altarpiece (May 20-23)
- 1991 Louvain-la-neuve, Belgium, International Colloquium on the Study of Underdrawings, "Master and Pupil: A North-Netherlandish Example" (Sept. 13).
- 1991 Harvard University, "Early Works by Jan van Scorel: the Contribution of Infrared Reflectography," (Oct. 10)
- 1991 State University of Groningen, The Netherlands, "Early Works by Jan van Scorel: the Contribution of Infrared Reflectography" (Nov. 1)
- 1991 Netherlands Art History Congress, State University of Leiden, invited speaker for session on technical investigation, "De problematiek aan de hand van Jan van Scorel," (Dec. 20)
- 1992 Trinity University, San Antonio, Texas, "Re-reading the evidence: studying paintings with infrared light," (March 5)
- 1993 London, National Gallery, Robert Campin Symposium, "Campin and Lochner: Any Connection?" (March 13)
- 1993 Louvain-la-neuve, Belgium, International Colloquium on the Study of Underdrawings, "Attributing the Layers of Maerten van Heemskerck's Cologne Lamentation," (September 7)
- 1993 Boston, International Conference of the Historians of Netherlandish Art, "Communication in the Studio: Comments apropos Maerten van Heemskerck's Cologne Lamentation," (October 15 at Wellesley College)

- 1993 New York, Institute of Fine Arts, Conservation Center, lecture, "Communication in the Studio" and a day-long reflectography workshop with conservation students (October 29 and 30)
- 1994 New York, College Art Association, "New Infrared Light on Hans Memling," (Feb. 19)
- 1994 Cologne, Wallraf-Richartz Museum, Stefan Lochner Symposium, "Underdrawing in 'early' works: the examples of Stefan Lochner and Hans Memling" (Feb. 25)
- 1994 Memphis, Memphis State University, lecture/demonstration of infrared reflectography (March 24-25)
- 1994 New York, Metropolitan Museum of Art, Symposium on Petrus Christus, discussant (June 10-12, 1994)
- 1994 Bruges, International Colloquium on Hans Memling, "Memling's Gdansk Last Judgment: the findings of infrared reflectography" (Nov. 11)
- 1995 Brussels, International Colloquium on 'Fiamminghi a Roma', "Jan van Scorel and the Circle Around Pope Adrian VI" (24 February)
- 1995 Amsterdam, Rijksmuseum, Discussant at the Symposium, The Art of Devotion (27 February)
- 1995 Leiden, The Netherlands, State University of Leiden, International Symposium on 'Historical Painting Techniques, Materials, and Studio Practice', "Maarten van Heemskerck and Jan van Scorel's Haarlem Workshop" (with J.R.J. van Asperen de Boer, and Christa Steinbüchel) (26-29 June)
- 1995 Louvain-la-neuve, Belgium, "Covering-over and Covering-up: Some Instances in the Re-use of Panels in Paintings after Hieronymus Bosch," for the Colloque XI pour l'étude du dessin sous-jacent et de la technologie dans la peinture (with J.R.J. van Asperen de Boer), September 14, 1997.
- 1995 Athens, GA, The University of Georgia, 2-day lecture/demonstration of infrared reflectography (Sept. 28-29)
- 1995 Princeton University, Symposium on Herri met de Bles, "The Cincinnati Sacrifice of Isaac by Herri met de Bles: artistic and iconographic techniques (October 13)
- 1996 New York, New York University, Conservation Institute, "Infrared Reflectography: A Practicum" (Jan. 8-12)
- 1996 Cleveland Museum of Art, "In Detail, New Studies of Northern Renaissance Art", A Symposium Honoring Walter S. Gibson, "Jan van Scorel's Jerusalem Landscapes" (Oct. 5)
- 1996 Harvard University, moderator of M. Victor Leventritt Symposium, "Recent Developments in the Technical Examination of Early Netherlandish Painting: Methodology, Limitations, and Perspectives" (Nov. 2)
- 1997 Utrecht, The Netherlands, Art History Institute, Symposium on the Study of 15th-16th Century Memorial Paintings and Sculptures (March '97)
- 1997 Bruges, Belgium, keynote address, "A Sixteenth-century Entrepreneur: Jan van Scorel and his Workshops," for Colloque XII: La peinture dans les Pays-Bas au 16e siècle, pratiques d'atelier, September 11, 1997
- 1997 Bruges, Belgium, "The Underdrawing in Jan van Eyck's Dresden triptych"
- 1997 Bruges, Belgium, "Technical Investigation of Memorial Panels" (w. T.van Bueren)
- 1998 Eisenach, Germany, Symposium on Underdrawings in the Paintings of Cranach, his workshop, and contemporaries, "Underdrawings in Paintings by Fifteenth-Century Cologne Painters," (Feb. 28)

- 1998 London, National Gallery, Symposium on Jan van Eyck, chair of session on technique (March 13)
- 1998 Baltimore, International Symposium of Historians of Netherlandish Art, discussant for session: Technical Studies and the Classroom (March 21)
- 1998 Brauweiler, Germany, "Underdrawings in Cologne Paintings: Interpretative Issues Related to IRR Method and Painting Technique", Symposium on Infrared Reflectography Technology organized by the Rheinisches Amt für Denkmalpflege (April 23)
- 1998 Utrecht, Centraal Museum, Symposium on Jan Saenredam, discussant and chair (May 8)
- 1998 Groningen, The Netherlands, "Computer Applications and IRR", for the study group, Alpha Informatica
- 1998 New York, Metropolitan Museum of Art, "Reshaping the Field: the Contribution of Technical Studies", Symposium, Early Netherlandish Painting at the Crossroads: Methodologies and Approaches (Nov. 7 1998)
- 1998 Middelburg, The Netherlands, chair of a session and discussant, Symposium, Art for the Market (Dec. 10-12, 1998)
- 1999 Utrecht, The Netherlands, Symposium, "Het dateren van schilderijen met gebedsportretten, problemen en oplossingen," discussant
- 1999 Maastricht, Restauratie Atelier Limburg, "IRR and conservation" (Nov. 29)
- 2000 London, National Gallery of Art, Symposium on Venice and the North, "Jan van Scorel in Venice" (Jan. 19)
- 2000 Utrecht, Centraal Museum, keynote talk at the opening of the exhibition, The Madonnas of Jan van Scorel (April 7)
- 2001 Amsterdam, Rijksmuseum, discussion leader for the symposium on the restoration of Geertgen tot Sint Jans's *Holy Kinship* (March 30)
- 2001 University of Utrecht, session leader for an international research symposium on Memoria in the late middle ages (May 10)
- 2001 Bruges, International Symposium on the Study of Underdrawing and Painting Technology: Hieronymus Bosch and his Circle, "Antwerp Painting Before Iconoclasm: Considerations on Method" (with M.P.J. Martens, M. Leeflang, and L. Jansen)
- 2001 Netherlands Art History Institute (RKD), The Hague, chair of one session and concluding remarks, Art History and Technical Investigation: the genesis of Dutch 17<sup>th</sup>-century paintings (Oct. 29-30)
- 2002 Antwerp, Historians of Netherlandish Art (HNA) International Research Conference, Chair of session: Painters' Workshops in the Sixteenth-century Netherlands, (March 12-14)
- 2002 Brussels, Royal Belgian Academy of Arts and Sciences of Flanders, "Looking through paint: infrared reflectography and the investigation of underdrawings and the painting process," (April 24)
- 2002 Bruges, Groeningemuseum, Symposium on Jan van Eyck and the Mediterranean World, chair of session on Jan van Eyck's paintings (May 28)
- 2003 Genoa, University of Genoa, "Copying Routines in some works in the Jan van Scorel group," (March 14)
- 2003 Washington, D.C., National Academy of Sciences, "Analytical Capabilities of Infrared Reflectography," (March 20-21)
- 2003 Bruges, Belgium, International Symposium on the Study of Underdrawing and Painting Technology: Copies, replicas, and pastiches; 1) "Jan van Scorel's Mary Magdalene: Original and Copy," and 2) "The Malvagna Triptych by Jan Gossart: a Study of Versions" (September)

- 2004 Amsterdam, Symposium De Mayerne Program: Molecular Studies in Conservation and Technical Studies in Art History, "Infrared Reflectography: Evaluative Studies" (Nov. 19)
- 2005 Utrecht, Symposium, Werk in Uitvoering: Onderzoek naar werkplaatspraktijken in de zestiende-eeuwse Zuidelijke Nederlanden; organizer of symposium and speaker, "Workshop Practice: Themes of Research" (April 22)
- 2005 Genoa, Workshop Internazionale: Nord-Sud, Presenze e ricezione fiamminghe in Liguria, Veneto e Sardegna, "Crosscurrents of Influence and Technique: the Case of Jan van Scorel" (October 28-29)
- 2005 Brussels, Centre d'Étude de la peinture du XVe siècle dans les Pays-bas méridionaux et la principauté de Liège, Cinquantième anniversaire, "Documenting Workshop Practice" (November 21)
- 2006 Bruges, Belgium, Organizer of session and speaker, "IRR Update: Practical and Interpretative Issues" at international symposium on underdrawings and painting technology, September 23, 2006.
- 2006 Baltimore, Historians of Netherlandish Art International Research Symposium, "Jan van Scorel's Tambov/Berlin Diptych", Nov. 11, 2006.
- 2007 New York, Institute of Fine Arts Conservation Institute, New York University, IRR Workshop (May 2007)
- 2007 Padua, Italy, Session Chair, International Conference: Nord/Sud, ricezione fiamminghe al di qua delle alpi (Oct. 25-27)
- 2008 Chicago, Renaissance Society of America, "Reliving Pilgrimage: Jan van Scorel's Portraits of Jerusalem Brothers," (April 4)
- 2008 Chicago, Midwest Art History Society, "Reliving Pilgrimage: Jan van Scorel's Portraits of Jerusalem Brothers," (April 5)
- 2008 Rotterdam, Museum Boijmans van Beuningen, "Technical Study of Geertgen tot Sint Jans's Vienna Wing Panels, Scholars' Day May 26)
- 2008 Chicago, Art Institute of Chicago, "Painting Forensics: Investigating Northern European Paintings with Infrared Reflectography" (July 17)

OTHER PROFESSIONAL ACTIVITIES (selected)

- 1997-2002, Board Member, Historians of Netherlandish Art  
 " " Program Committee, International Research Conference, Antwerp, March 2002
- 2008- Editorial Board, Journal of Historians of Netherlandish Art (online publication)
- 1997-2000 Member of the Selection Committee for the paired fellowships in Conservation and Art History/Archaeology established by the Kress Foundation at the Center for Advanced Study, The National Gallery of Art, Washington, D.C.
- 1985-8 Board member, Midwest Art History Society
- 1987-94 Publications Committee: Inventory of Drawings in Midwestern Collections
- 1985-8 Board member, American Association for Netherlandic Studies
- 1992-4 Co-chair, American Association of Netherlandic Studies (AANS Conference, Bloomington, IN, June 1994)
- 2006-08 Advisory Committee, Amsterdam, Rijksmuseum, Catalogue of 15<sup>th</sup>- and 16<sup>th</sup>-century Paintings
- Translations from Dutch: several summaries of articles in Nederlands Kunsthistorisch Jaarboek and Simiolus, and Albert Blankert, Dutch 17th

Century Italianate Landscape Painters, Soest, Holland, 1978.