

CURRICULUM VITAE

PERSONAL DATA

Name: Belinda Adamson, B.S., M.Ed., CIP, CCRC

EDUCATION

1973	Valley High School, West Des Moines, Iowa	
1977	Arizona State University, Tempe, Arizona; B.S.,	Clinical Laboratory Science
1985	Arizona State University, Tempe, Arizona; M.Ed.,	Higher & Adult Education
1998	Eastern Michigan University, Ypsilanti, Michigan; Certificate,	Clinical Research Admin
	Eastern Michigan University, Ypsilanti, MI; Candidate M.S.,	Clinical Research Admin

PROFESSIONAL EXPERIENCE

2022-	Director of Research Compliance, Office of Research and Graduate Studies Central Michigan University, Mount Pleasant, Michigan
2016- 2021	IRB Manager, Research Compliance, WMU Homer Stryker, MD, School of Medicine, Kalamazoo, Michigan
2014-2016	Compliance Specialist, Office of the Provost and Academic Vice President, Western Illinois University, Macomb, Illinois
2010- 2014	Human Subjects Coordinator, Office of Vice Chancellor for Research, University of Illinois at Urbana-Champaign, Champaign, Illinois
2005- 2010	Research Compliance Specialist Senior, Medical School Administration University of Michigan Medical Center, Ann Arbor, Michigan
2004-2006	Board Member IRB Ann Arbor, Ann Arbor, Michigan
2003-2005	Human Research Protection Program Assistant, Research Service, VA Ann Arbor Healthcare System, Ann Arbor, Michigan
1999-2005	Research Biologist, Research Service, VA Ann Arbor Healthcare System, Ann Arbor, Michigan
1999-2005	Research Scientist, Product Development, KeraCure Inc., Chicago, Illinois
1993-1999	Research Associate, Section of Plastic & Reconstructive Surgery, University of Michigan Medical Center, Ann Arbor, Michigan
1989-1993	Research Assistant, Section of Plastic & Reconstructive Surgery, University of Michigan Medical Center, Ann Arbor, Michigan
1988-1989	Research Assistant, Research Service, VA Ann Arbor Healthcare System, Ann Arbor, Michigan
1986-1988	Laboratory Computer System Manager, Clinical Laboratory Service, Valley Lutheran & Mesa Lutheran Hospitals, Mesa, Arizona
1983-1986	Senior Medical Technologist, Clinical Laboratory Service, Valley Lutheran Hospital, Mesa, Arizona
1981-1983	Medical Technologist, Clinical Laboratory Service, Mesa General Medical Center, Mesa, Arizona
1977-1981	Medical Technologist, Clinical Laboratory Service, Good Samaritan Medical Center, Phoenix, Arizona

CERTIFICATIONS

2006- Certified IRB Professional, Council for Certification of IRB Professionals; #1060947
2005-2009 IRB Manager, National Association of IRB Managers; #2004-87
2000-2012 Clinical Research Professional, Society of Clinical Research Associates; #10501
1996- Clinical Research Coordinator, Association of Clinical Research Professionals; #12560
1979-2009 Clinical Laboratory Scientist, NCA;
1978- Medical Technologist, American Society of Clinical Pathology; #10278
1978-1980 Medical Technologist, California State License; #25718

TEACHING ACTIVITIES

1982-1983 Instructor liaison, MLT Student Internship, Mesa General Medical Center, Mesa, Arizona
1980-1981 Guest Lecturer, MLT program, Phoenix Community Collage, Phoenix, Arizona
1979-1981 Instructor liaison, Medical Technologist Student Internship, Good Samaritan Medical Center, Phoenix, Arizona

MEMBERSHIP AND OFFICES IN PROFESSIONAL SOCIETIES

2022- Health Care Compliance Association (HCCA)
2005- Public Responsibility in Medicine and Research (PRIM&R)
2004-2009 National Association of IRB Managers
2000-2012 Society of Clinical Research Associates (SOCRA)
2001-2003 ACRP- Southeast Michigan Chapter, Board Member
2000 ACRP- Southeast Michigan Chapter, VP for Education
1999- Association of Clinical Research Professionals (ACRP)
1979- American Society of Clinical Pathology, Associate (ASCP)

PATENTS

Inventor on 5,972,332; 6,197,330; 6,299,898; 6,440,452; 6,890,552

GRANT SUPPORT

2002 NIH, Diabetes and Digestive and Kidney Diseases
SBIR grant: 1R43 DK061088-01A1
Cell Viability on a Novel Cell-Therapy Platform
50% effort (PI) \$117,000

PRESENTATIONS

"Translational Research- From basic research to bedside." Southeast Michigan ACRP Chapter Meeting, Ypsilanti, Michigan, July 10, 2008.

"Cell Therapy Platform: A biological method to deliver growth factors from a wound dressing." Wound Healing Society and The European Tissue Repair Society 4th Joint Meeting, Baltimore, Maryland, May 29, 2002.

“Ex-vivo gene therapy for the treatment of soft tissue melanoma” 87th Annual Clinical Congress, Surgical Forum of the American Collage of Surgeons, New Orleans, Louisiana, October 8, 2001.

“Oxidized thiol’s role in delayed wound healing.” Wound Healing Society and The European Tissue Repair Society 2nd Joint Meeting, Boston, Massachusetts, May 16, 1996.

BIBLIOGRAPHY

Peer-Reviewed Publications:

1. DuBay DA, Choi W, Urbanchek MG, Wang X, Adamson B, Chung E, Dennis RG, Kuzon WM, Franz MG. Incisional herniation induces decreased abdominal wall compliance via oblique muscle atrophy and fibrosis, *Annals of Surgery*, 2005
2. DuBay D, Xue Wang, Belinda Adamson, William Kuzon, Robert G. Dennis, Michael Franz. Mesh incisional herniorrhaphy improves wound mechanical properties following abdominal wall reconstruction, *Surgery*, 2005
3. Dubay DA. Wang X. Adamson B. Kuzon WM Jr. Dennis RG. Franz MG. Progressive fascial wound failure impairs subsequent abdominal wall repair: a new animal model of incisional hernia formation. *Surgery*. 137 (4):463-71, 2005.
4. Dubay DA. Wang X. Kirk S. Adamson B. Robson MC. Franz MG. Fascial fibroblast kinetic activity is increased during abdominal wall repair compared to derma fibroblasts. *Wound Repair & Regeneration*. 12(5):539-45, 2004.
5. Wang X. Adamson B. Wachtel TL. Robson MC. Franz MG. Impaired biomechanical signaling during incisional hernia formation does not down-regulate collagen gene expression. *Journal American College Surgery*. 195(3):50.
6. Wang X. DuBay D. Adamson B. Robson MC. Franz MG. The role of integrin function during keloid fibroblast mediated matrix reorganization. *Wound Repair & Regeneration*. 10(1):52-58, 2002.
7. Mudge BP. Harris C. Gilmont RR. Adamson BS. Rees RS. Role of glutathione redox dysfunction in diabetic wounds. *Wound Repair & Regeneration*. 10(1):52-58, 2002.
8. Adamson B. Yao F. Franz MG. Eriksson E. Rees RS. Cell Therapy Platform: A biological method to deliver growth factors form a wound dressing. *Wound Repair & Regeneration*. 10:A1, 2002.
9. DuBay DA. Adamson BS. Wang X. Robson MC. Franz MG. Fascial wound failure and incisional hernia formation is associated with fibroblast cell-cycle arrest. *Wound Repair & Regeneration*. 10:A15, 2002.
10. Franz MG. Adamson BS. Wang X. Wachtel TL. Robson MC. Accelerated acute fascial healing is associated with increased fibroblast PCNA and p21 expression. *Surgical Forum*. 52:549-551, 2001.

11. Adamson BS. Kim J. Remick D. Franz MG. Rees RS. Ex-vivo therapy for the treatment of soft tissue melanoma. *Surgical Forum*. 52:518-520, 2001.
12. Rees RS. Adamson BS. Lindblad WJ. Use of a cell-based interactive wound dressing to enhance healing of excisional wounds in nude mice. *Wound Repair & Regeneration*. 9(4):297-304, 2001.
13. Mudge BP. Adamson B. Gilmont RR. Harris C. Rees RS. Topical Glutathione Treatment Accelerates Wound Healing in Diabetic Mice. *Surgical Forum*. 50:613-15, 1999.
14. Gilmont RR. Dardano A. Young M. Engle JS. Adamson BS. Smith DJ Jr. Rees RS. Effects of glutathione depletion on oxidant-induced endothelial cell injury. *Journal of Surgical Research*. 80(1):62-68, 1998.
15. Adamson B. Schwarz D. Klugston P. Gilmont R. Perry L. Fisher J. Lindblad W. Rees R. Delayed Repair: The Role of Glutathione in a Rat Incisional Wound Model. *Journal of Surgical Research*. 62:159-164, 1996.
16. Gilmont R. Dardano A. Engle JS. Adamson B. Welsh M. Li T. Remick D. Smith DJ Jr. Rees RS. TNF-alpha Potentiates Oxidant and Reperfusion Induced Endothelial Cell Injury. *Journal of Surgical Research*. 61:175-182, 1996.
17. Rees, R.S. Smith, Jr. D.J. Adamson B. Im, M. Hinshaw, D. Oxidant Stress: The Role of the Glutathione Redox Cycle in Skin Pre-Conditioning. *Journal of Surgical Research*. 58:395-400, 1995.
18. Rees RS. Kingman GJ. Cashmer B. Gilmont RR. Reeves C. Smith DJ Jr. DT diaphorase: Increased Enzyme Activity and mRNA Expression in Oxidant Stress of Skin. *Journal of Surgical Research*. 56:326-330, 1994.
19. Schwarz DA. Lindblad WJ. Adamson B. Rees R.S.: Delayed Wound Healing is Associated with Enhanced Collagen Degradation in Ischemic Rat Flap Wounds, *Surgical Forum*. 45:772-776, 1994.
20. Rees RS. Smith D. Li TD. Cashmer B. Garner W. Punch J. Smith DJ Jr. The role of xanthine oxidase and xanthine dehydrogenase in skin ischemia. *Journal of Surgical Research*. 56(2):162-167, 1994.
21. Wilkins EG. Rees RS. Smith D. Cashmer B. Punch JD. Till GO. Smith DJ. Jr. Identification of xanthine oxidase activity following reperfusion in human tissue. *Annals of Plastic Surgery*. 31(1) 60-65, 1993.
22. Engle JS. Gilmont RR. Adamson B. Li T. Welsh MJ. Rees RS. Nitric oxide mediates endothelial permeability in rat lung following oxidant stress. *Surgical Forum*. 79:660-663, 1993.
23. Rees RS., Punch J. Shaheen K. Cashmer B. Guice K. Smith. DJ Jr. The Stress Response in Skin: The Role of Neutrophil Recruitment in Pre-Conditioning. *Plastic and Reconstructive Surgery*. 92(1):110-117, 1993.
24. Kingman G. Rees RS. Cashmer B. Reeves C., Smith DJ Jr. DT diaphorase activity: Upregulation in pre-conditioned skin following oxidant stress. *Surgical Forum*. 78:593-595, 1992.

25. Punch JD. Rees RS. Cashmer B., Wilkins EG. Smith DJ Jr. Till GO. Xanthine oxidase: Its role in the no-reflow phenomenon. *Surgery*. 111:169-176, 1992.
26. Smith D. Rees R. Cashmer B. Crawford B. Li T. Smith DJ Jr. Xanthine oxidase activity: A trigger for tissue injury in ischemic skin. *Surgical Forum*. 42:566-567, 1991.
27. Rees R. Hinshaw D. Cashmer B. Im M. Smith D. Smith DJ Jr. Experimental evidence that oxidative stress from delay upregulates antioxidant defenses in ischemic skin. *Surgical Forum*. 42:648-650, 1991.
28. Wilkins EG. Smith D. Cashmer B. Rees R. Smith DJ Jr. The role of xanthine oxidase activity and oxy-radicals in human free jejunal flaps following head and neck surgery. *Surgical Forum*. 42:562-566, 1991.
29. Punch JD. Rees RS. Cashmer B. Oldham K. Wilkins EG. Smith, DJ Jr. Acute lung injury following reperfusion after ischemia in the hind limb of rats. *Journal of Trauma*. 31:760-767, 1991.
30. Wilkins EG. Punch JD. Rees RS. Cashmer B. Smith DJ Jr. Evidence of xanthine oxidase activity in human free flaps following reperfusion. *Surgical Forum*. 41:672-675, 1990.
31. Smith DJ Jr. Punch JD. Wilkins EG. Cashmer BA. Till GO. Rees RS. Xanthine oxidase: It's role in the no reflow phenomenon. *Surgical Forum*. 41:519-521, 1990.
32. Shaheen KW. Punch JD. Rees RS. Cashmer BA. Smith DJ Jr. Early role for neutrophils in skin flap failure. *Surgical Forum*. 41:553-555, 1990.
33. Rees RS. Punch JD. Cashmer BA. et. al.: Should dying flaps be converted to skin grafts. *Surgical Forum*. 41:603-605, 1990.

Abstracts and Poster Presentations:

1. Maio, R. Hewett, J. Curnes, S. Mulder, D. Adamson, B. Fantone, R. Outcomes of the University of Michigan Medical School's (UMMS) Institutional Review Board, (IRBMED) Lean Initiative. Poster Presentation. PRIM&R, December 3, 2007.
2. Adamson, B. Fantone, R. IRB on a Diet---The Lean Thinking Initiative. Poster Presentation. PRIM&R, Washington, D.C., November 16, 2006.
3. Wang X. Dubay D. Adamson B. Robson MC. Franz MG. The role of integrin function in keloid fibroblast-populated collagen lattice contraction. Wound Healing Society, Seattle, Washington, May 5, 2003.
4. Franz M. Dubay D. Wang X. Adamson B. Connors M. Robson M. A Multi-Disciplinary Approach to Abdominal Wall Wound Failure. Poster Presentation, Wound Healing Society and The European Tissue Repair Society 4th Joint Meeting, Baltimore, Maryland, May 30, 2002.
5. Franz MG. Wang X. Adamson B. Robson MC. Acute Facial Wound Failure is Associated with Reversible Repair Fibroblast Cell-Cycle Arrest. Poster Presentation, Wound Healing Society and The European Tissue Repair Society 4th Joint Meeting, Baltimore, Maryland, May 30, 2002.

6. Dahlgren J. Adamson B. IRB: Past, Present and Future. Poster Presentation, Society of Clinical Research Associates 10th Annual Conference, Newport Beach, California, September 15, 2001.
7. Adamson B. Gilmont R. Rhodes L. Marcelo C. Rees R. Using Keratinocytes to promote wound healing. Poster Presentation, The Wound Healing Society and The European Tissue Repair Society 3rd Joint Meeting, Bordeaux, France, August 25, 1999.
8. Adamson B. Gilmont R. Rhodes L. Marcelo C. Rees R. Interacting wound dressing using Keratinocyte. Poster Presentation, Moses Gunn Annual Research Conference, Ann Arbor, Michigan, April 29, 1999.
9. Tanigawa S. Gilmont R.R. Adamson B. Rees R. The role of hsp27 in wound contraction. Moses Gunn Annual Research Conference, Ann Arbor, Michigan, May 28, 1998.
10. Tanigawa S. Gilmont R.R. Adamson B. Rees R. The role of hsp27 in wound contraction. Plastic Surgery Research Council, Loma Linda, California, April 4, 1998.
11. Adamson B. Gilmont R. Harris C. Rees R. Increased GCS Activity in Pressure Sores. Poster Presentation, Plastic Surgery Research Council, Galveston, Texas, February 27, 1997.
12. Adamson B. Marchant B. Rees R. Wound Assessment Utilizing Digital Imaging vs Planimetry. Poster Presentation, Plastic Surgery Research Council, St. Louis, Missouri, June 3, 1996.
13. Adamson B. Klugston P. Perry L. Schwarz D. Fisher J. Lindblad W. Rees R. Delayed Repair: The Role of Glutathione in a Rat Incisional Wound Model. Poster presentation, The Wound Healing Society, Fifth Annual Scientific Meeting, Minneapolis, Minnesota, April 28, 1995.
14. Dardano AN. Gilmont RR. Schwarz DA. Cashmer BA. Rees, R.S. Glutathione Depletion Increases Permeability across Endothelial Cell Monolayers after Treatment with Peperfusate. Plastic Surgery Research Council, June, 1994
15. Schwarz DA. Lindblad WJ. Dardano A. Cashmer BA. Rees R.S. Altered Collagen Metabolism in a Rat Model of Chronic Wound Healing. Plastic Surgery Research Council, June, 1994.
16. Engle JS. Gilmont RR. Cashmer BA. Li T. Welsh MJ. Rees. RS. Nitric oxide mediates endothelial permeability in rat lung following oxidant stress. American College of Surgeons Forum, San Francisco, CA, October, 1993.
17. Kingman G. Rees RS. Cashmer B. Reeves C. Smith DJ Jr. DT diaphorase activity: upregulation in pre-conditioned skin. Plastic Surgery Research Council, Toronto, Ontario, May 1, 1992.
18. Rees RS. Cashmer B. Remick D. Garner WL, Smith DJ Jr. Tumor necrosis factor: Its role in neutrophil priming during early skin ischemia. Poster Presentation, University of Michigan Department of Surgery Moses Gunn Annual Research Conference, Ann Arbor, Michigan, May 28, 1992.