

Current Projects of Interest to the McGowan Institute for Regenerative Medicine												
Projects												
	Respiratory (inc: Artificial Lungs)	Liver	Heart, Blood and Vascular Tissue	Pancreas	Gastrointestinal & Genitourinary	Central & Peripheral Nervous System	Musculoskeletal (Hard & Soft Tissue)	Cancer	Wound Healing	Eye and Ear	Dental and Craniofacial	Allograft Technologies
Core Competencies												
Biomaterials	Cook, Matyjaszewski, Wagner	Gerlach	Badylak, Bettinger, Feinberg, Gawalt, Kameneva, Phillippi, Sant, Tillman, Tobita, Wagner, Y Wang, Waters, Weinbaum	Banerjee, Beckman, Wagner	Clermont, Hackam, Tarin, Whitcomb	Beckman, Bettinger, Brown, Cui, Marra, Matyjaszewski, Modo, Tyler-Kabara, Y Wang	Badylak, Beckman, Brown, Campbell, Cancedda, Cheetham, Costello, Feinberg, Kathju, Kumta, Marra, Meyer, Mooney, Nettleship, Nieponice, Sant, Sfeir, Tarin, Tuan, Turner, Wagner, Y Wang, Washburn, Wells, Witte, Woo, Wu	Little, Kalinski, Matyjaszewski, Sant, Whitehead	Badylak, Beckman, Bettinger, Brown, Gerlach, Hackam, Little, Manders, Marra, Matyjaszewski, Mooney, Nieponice, Satish, Wagner, Y Wang, Wells, Whitehead	Bettinger, Feinburg, Funderburgh, Little, Stekete, Wagner, Y Wang	Brown, Chung, Costello, Nettleship, Sant	Marra
Targeted Drug Delivery		Whitehead, Taylor			Whitehead	Marra, Modo, Stekete		Kameneva, Salema, Sant, Whitehead	Marra	Little	Little	Little
Bioengineering, Biotransport, Biomechanics	Borovetz, Cook, Federspiel, Kameneva, Waters	Duncan, Gerlach, Monga, Patzer, Soto-Gutierrez	Antaki, Balazs, Belle, Bermudez, Borovetz, Feinberg, Gerlach, Kameneva, K Kim, LeDuc, Lohmann, Phillippi, Pinsky, Robertson, Rojas, Sant, Schaub, Severyn, Shroff, Teuteberg, Tillman, Vorp, Wagner, Waters, Weinbaum, Winowich	Banerjee, Gerlach, Parker	Vorp, Whitehead	Clermont, Cui, Gerlach, Modo, Parker, Schwartz, Tyler-Kabara, Weber	Ambrosio, Beckman, Boninger, Brown, Cancedda, Cheetham, Davidson, Debski, Feinberg, Gharaibeh, Hogan, Kostek, Kumta, LeDuc, Moalli, Mooney, Nettleship, Sfeir, Sigal, Turner, Vorp, Witte, Woo	Gerlach, Kameneva, Parker, Roy, Whitehead	Badylak, Bettinger, Brienza, Gerlach, Kameneva, Little, Mooney, Satish, Whitehead, Woo	Chan, Federspiel, Feinburg, Little, Loewen, Sigal, Stekete, Wagner	Almarza, Beckman, Beniash, Chapman, Chung, Kumta, Little, Sfeir	Little
Cellular and Molecular Biology	Kagan, Oury, Stolz, Watkins	Bahary, Bell, DeFrances, Duncan, Gerlach, Lagasse, Mars, Michalopoulos, Monga, Nagaya, Soto-Gutierrez, Stolz, Strom, Taylor, Venkataramanan, Vodovotz, Watkins, Wells, Wu, Zamora, Zarnegar	Baty, Bodnar, Chen, D'Cunha, deVallejo, Gleason, Ho, Isenberg, K Kim, Kuhn, Jayaraman, Mars, Phillippi, Pitt, Salama, Stolz, Vallejo, Watkins, Weinbaum, Wells	Bahary, Banerjee, Finegold, Lagasse, Monga, Stolz, Trucco, Watkins, Whitcomb	Bahary, Husain, Lagasse, Stolz, Watkins, Weisz, Whitcomb, Wilson	Bowser, Chen, Cui, Janjic, Lagenaur, Marra, Modo, Pezzone, Pollock, Sakai, Stekete, Stolz, J Wang, Watkins	Ambrosio, Antaki, Blair, Campbell, Cohen-Karni, deVallejo, Gharaibeh, Gorantla, Larregina, Marra, Mooney, Oesterreich, Phillippi, Rando, Stolz, Szabo-Rogers, Taboas, Tuan, Turner, Vo, B Wang, Watkins, Weiss, Wells, Wu	V Donnerberg, Duncan, Hendricks, Ho, Lagasse, Lotze, Mars, Michalopoulos, Monga, Oesterreich, Pitt, Roy, Salama, Stolz, Strom, Taylor, Trucco, Watkins, Wells, Yang, Zarnegar	Bodnar, deVallejo, Gerlach, Hebda, Kathju, Kellum, Mars, Mooney, Post, Rosen, Satish, Stolz, Turner, Vodovotz, Watkins, Weinbaum, Wells, Yotov	Chan, Conner, Du, Funderburgh, Hendricks, Loewen, Post, Schuman, Swamynathan, Wells	Almarza, Beniash, Ouyong, Ray, Sfeir, Szabo-Rogers, Taboas	
Developmental Biology		Bahary, Duncan, Gerlach, Lagasse, Monga, Oertel, Shin	Bahary, A Donnenberg, Shin, Tobita, Watkins, Wearden	Bahary, Lagasse, Shin	Bahary, Hackam, Lagasse, Larregina, Schatten	Stekete	Sakai, Tuan, YL Wang, Zhou	A Donnenberg, V Donnerberg, Lagasse, Monga	Dohar, Gerlach, Hackam, Hebda, Mooney	Swamynathan		Lagasse
Micro Tissue Systems & Models		Gerlach, Taylor, Wells	Feinburg, Phillippi, Weinbaum	Banerjee			Feinberg	Sant, Taylor, Wells, Yang	Gerlach, Hebda, Weinbaum	Feinburg		
Stem Cells & Cellular Therapies	Kagan	Fox, Gerlach, Humar, Lagasse, Michalopoulos, Nagaya, Soto-Gutierrez, Stolz, Tamama, Taylor, Watkins	deVallejo, Feinberg, Gleason, Kuhn, Marra, Phillippi, JP Rubin, Salama, Tillman, Toma, Vorp	Banerjee, Lagasse, Shapiro, Tamama, Trucco, Whitcomb	Hackam, Lagasse, Lotze, Shapiro, Vorp	Gharaibeh, Marra, Modo, Sakai, Tuan, Tyler-Kabara, Yang	Ambrosio, Campbell, Cancedda, Costello, de Vallejo, Feinberg, Gharaibeh, Gorantla, Kumta, Marra, Rando, JP Rubin, Sfeir, Tuan, VanSwearingen, J Wang, Weiss, Wells, Woo	V Donnerberg, Kalinski, Lagasse, Michalopoulos, Oesterreich, JP Rubin, Trucco	Bodnar, Dohar, V Donnenberg, Gerlach, Hackam, Hebda, Marra, Nieponice, Tamama, J Wang, Wells, Woo	Feinburg, Funderburgh, Nasonkin	Almarza, Chung, Costello, Kumta, Ray, Sfeir	Lagasse, Little
Immunology	Stolz, Watkins	Bell, Lagasse, Mars, Oertel, Stolz, Taylor, Vodovotz, Watkins	Badylak, Bettinger, Brown, Clermont, deVallejo, Fan, Kormos, Mars, Parker, Stolz, Vodovotz, Watkins, Wearden	Lagasse, Whitcomb	Kalinski, Little, Lotze, J Rubin, Vodovotz, Whitcomb	Brown, Janjic, Modo	Angus, Badylak, Brown, Clermont, deVallejo, Wearden	deVallejo, Kalinski, Little, Mars, Lotze, Parker, Whitcomb	Angus, Badylak, Brown, Chadham, Constantine, deVallejo, Ermentrout, Fan, Kellum, Little, Mars, Puyana, Swigon, Vodovotz, Wisniewski	Bettinger, Little	Little	Lagasse
Genomics & Gene Therapies		Whitehead	Toma	Trucco	Clermont, Whitehead	Bowser, Glorioso	Cancedda, Gharaibeh, Kumta, Rando, Sfeir, Tuan, B Wang	Billiar, Glorioso, Little, Lotze, Strom, Trucco, Whitehead	Hebda, Kathju, Little, Satish, Whitehead	Nasonkin	Almarza, Kumta, Sfeir	
Imaging	Stolz, Watkins	Stolz, Taylor, Watkins	Feinberg, Ho, Pacella, Phillippi, Robertson, Salama, Shroff, Stolz, Villanueva, Wagner, Watkins	Stolz, Watkins, Whitcomb	Hackam, Lotze, Stolz, Watkins	Modo, Stekete, Stolz, Watkins	Feinberg, Gharaibeh, Robertson, Stolz, Turner, Verdellis, Watkins	V Donnerberg, Ho, Kalinski, Lotze, Parker, Salama, Stolz, Taylor, Watkins, Wells	Bodnar, Hebda, Hackam, Stolz, Turner, Watkins	Feinberg, Sigal	Verdelis	Stolz, Watkins
Computational Modeling	Parker, J Rubin	Taylor, Vodovotz, Whitcomb	Kocyldirim, Pinsky, Robertson, Salama, Vorp	Parker, Whitcomb	J Rubin, Whitcomb	Parker, J Rubin		Parker, Whitcomb	Hebda, J Rubin, Vodovotz	Sigal	Ray	
Clinical Translation	Wearden	Clermont, DeFrances, Demetris, Fontes, Fox, Gerlach, Humar, Lagasse, Lopez, Mars, Mazariegos, Patzer, Perlmutter, Taylor, Whitcomb	Baty, Bermudez, Clermont, D'Cunha, A Donnenberg, Gleason, Isenberg, Kellum, Kocyldirim, Kormos, Kreuzer, JS Lee, Lohmann, Luketich, Mars, McNamara, Pacella, Phillippi, Pinsky, Robertson, Salama, Schaub, Schwartzman, Shigamura, Shroff, Simon, Sullivan, Teuteberg, Tillman, Wearden, Winowich	Clermont, Shapiro, Trucco, Whitcomb	Clermont, Docimo, Husain, Lotze, Shapiro, Schatten, Tarin, Whitcomb, Wilson	Boninger, Bowser, Marra, Okonkwo, Richardson, JP Rubin, Tyler-Kabara	Ambrosio, Badylak, Baer, Cancedda, Cheetham, Clermont, Constantine, Costello, Davis, Fu, Gharaibeh, Gorantla, Hogan, Kang, Kathju, Kostek, Marra, McMahon, Moalli, Nieponice, Poropatich, JP Rubin, Shestak, Taylor, Vo, Woo	A Donnenberg, Glorioso, Kalinski, Lagasse, Lotze, Luketich, Mars, Monga, Parker, Strom, Taylor, Trucco, Whitcomb	Badylak, Dohar, Falo, Gerlach, Gorantla, Hebda, Hirsch, Kellum, Manders, Marra, Mars, Nieponice, Poropatich, Post, Rosen, JP Rubin, Shestak, J Wang	Conner, Funderburgh, Hirsch, Little, Loewen, Post, Schuman, Yu	Chung, Costello, Little, Sfeir	JP Rubin
Clinical Outcomes (Rehabilitation)	Dew	Dew	Dew, Kocyldirim, Pinsky, Wearden	Shapiro, Whitcomb	Shapiro	Boninger, Bowser, Pollock, Okonkwo, Weber	Ambrosio, Brubaker, Cooper, Delitto, Ding, Kostek, JP Rubin, VanSwearingen, Weber, Zhou	V Donnerberg	Brienza, Brubaker	Loewen	Cohn	