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professional career and  
education in 1997. In that  
year, I visited the  
University of Minnesota to  
discuss collaborative  
opportunities in cardiac  
anatomy, physiology, and  
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meeting was with a faculty member of the Department of Anesthesiology, Professor Paul Iaizzo. I didn't know what to expect but, as always, I remained open minded and optimistic. Little did I know that my

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life would never be the  
same. . . . During the mid  
to late 1990s, Paul Iaizzo  
and his team were performing  
anesthesia research on  
isolated guinea pig hearts.  
We found the work appealing,  
but it was unclear how this

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research might apply to our  
interest in tools to aid in  
the design of implantable  
devices for the  
cardiovascular system. As  
discussions progressed, we  
noted that we would be far  
more interested in

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reanimation of large  
mammalian hearts, in  
particular, human hearts.  
Paul was confident this  
could be accomplished on  
large hearts, but thought  
that it would be unlikely  
that we would ever have

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access to human hearts for  
this application. We shook  
hands and the collaboration  
was born in 1997. In the  
same year, Paul and the  
research team at the  
University of Minnesota  
(including Bill Gallagher

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reanimated several swine hearts. Unlike the previous work on guinea pig hearts which were reanimated in Langendorff mode, the intention of this research was to produce a fully

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