

2011 Report to the Community



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Transcript

[Applause]

Thank you very much, Phil, thank you all for being here. Each year this is an amazing opportunity to review what's occurred, come together in this room and each year I'm stunned by the participation from this community. If I took time to introduce all of you who are VIPs we would introduce all of you. I need to introduce a few people in groups. And so I'm going to ask that, first of all, I want to recognize those of you who were elected to public service in Indiana. We have them from the Supreme Court, through the General Assembly, through the City County Council, and other organizations. Those of you who've been elected to public office, please let us congratulate you for your service to all of us. Please stand.

[Applause]

In addition, even though they have been mentioned, I want to make sure I recognize those who were serving as Trustees of Indiana University and Purdue University. Near the back, I believe, is Tom Reilly who is an Indiana University Trustee here with us today. Obviously, Dr. Eskew is here with us today, John Harden, would you stand. John from Purdue, who has served us in the Board of Trustees.

[Applause]

I also need to introduce MaryEllen Bishop, who Dr. Eskew referred to, who here at the front [applause] is a member of our Board of Advisors as well. And Mike Berghoff, I don't believe is here. He was supposed to be at the front table. Okay. From Purdue who also serves on our Board of Advisers. I also want to take a minute to introduce a new member of our higher education community who is with us here today. I agreed last year to be on the search committee for Ivy Tech's Chancellor for the Central Indiana district. This is, of course, Indianapolis, and the campus in Lawrence, and other campuses. And it was a great time, and I say that because it was such a terrific group of people on that search committee. We had fun at the airport in a room I didn't know existed, meeting candidates. That's the tradition in higher ed, airport interviews. And the outcome was tremendous. And I want to introduce to you Kaye Walter, who has joined in November Ivy Tech [applause] as the new chancellor. As most of you know Ivy Tech is an exceedingly close partner to those of us here IUPUI, and so we're thrilled to have her join us from Valencia Community College in Florida. It is the community college district known to have the highest graduation rate of any community college in America. And Kaye set that as the goal for herself here. And in addition, she'd served a long time in Kansas City at the community college district there and she comes to this work with a PhD in Chemistry from Rice University. Charlotte Westerhaus was supposed to be here today. And I'm looking and I don't see her. I wanted to recognize her. Some of you know her from the NCAA. She is serving as Interim President at Martin University. She is a good colleague of ours. I wanted to recognize all of those who give service to our community in so many different ways, in large part to reinforce the point that Dr. Eskew made at the beginning, which is this is a report to a community, but we are part of a community that believes in engaging and partnering with each other. Whether it's us partnering with Ivy Tech in order to help our students succeed, whether it's the Greater

Indianapolis Chamber of Commerce partnering not only with the business community but the nonprofit community in trying to enhance this community's success. And I can go around the room with this characteristic of ours. But those of you who know IUPUI know that we see ourselves as partners with our community and that's where the tradition of this speech has come from. That's the responsibility that's on us as a campus is to help central Indiana, to help the world beyond, become more successful.

Now, as most of you know, I love this report. This is a chance where I get to review what's happened in a year and try and distill it down then into an impossibly manageable length. It doesn't work, but I try. And I'm going to go a little faster from here on to try and suggest to you what's been accomplished.

And the framework for this year is the IMPACT Campaign. As most of you know our slogan is "IUPUI: where impact is made every day." It has the virtue of truth. That is a good slogan when you tell the truth. We do impact our community and our students and our faculty and our staff every single day. But this time, we're using it about the development campaign with the goal that you heard Dr. Eskew refer to because we know we need to continue our partnership with you in order to be successful. So, I'm going to go through this quickly. You heard we launched this publicly in October 9th in this very room. We kicked this off, the campaign. We set a goal, as

you also heard, of 1.25 billion dollars, and I was thrilled, as you can see, to announce that we were at 860, 613,670 dollars to be exact, that day as I stood on the podium right here.

We are fortunate to have a great leadership team, not only within the university, and the foundation. Of course, President McRobbie and Gene Tempel, but we have great community leaders, as always, to help partner with us. Lacy Johnson, as some of you know, is a distinguished lawyer here at Ice Miller and very active in our community. Was involved heavily in the airport project and a number of other things. In addition to that, Pat Miller. Pat and her partner Barbara Baekgaard founded Vera Bradley. They are Vera Bradley, and they were the great donors who established the Vera Bradley Center for Breast Cancer here on our campus in the last campaign and have made a very significant contribution to this campaign. Bill Moreau is very close to our friend John Harden. Our Purdue colleague served 12 years as a Trustee at Purdue University, but has been on our Board of Advisers since the early 1990s. He's a major lawyer in our community and manages the office for Barnes & Thornburg in Washington D.C. And Bill has agreed to be helpful in this campaign as a chair. Randy Tobias, one of the famous names in our community, was Eli Lilly and Company Chair, President, CEO, stepped down from that and was appointed by the president of the United States as the Ambassador for AIDS and played an important role worldwide in that. And was, for us, a major donor in our last campaign. We have the Tobias Center for Leadership Excellence. One of the great moments in my early administrative career was when Randy pulled out of his pocket not the check we thought we were going to get, which we thought was a really big check for a million dollars, but it was one for 5. He handed it to us at an event several years ago. And my wife tells me to this day, it was so fun to see Jerry Bepko and Curt Simic and myself with our mouths open. [Laughter] It was transformational in establishing a center for leadership here on our campus that Phil Cochran, who is here with us, has taken leadership of after Jerry Bepko. Randy has also agreed to help us and, in the discussion with the Foundation Board just last Thursday, Randy said something that I was so pleased to hear him say. It actually always sends chills up my spine. Randy looked at the Foundation Board members and said "Try and imagine what Indianapolis would be if there wasn't IUPUI." And the way I say that to people often times is the answer is there wouldn't be much here, and I know I wouldn't be here. It's an important question for us, but what has made a difference is we are here, we have partnered, and we can make an enormous difference going forward.

You see our history on our campaign. We had a campaign completed in 2004. It was enormously successful. It transformed, frankly, people's image of us and it transformed the work we do. The current campaign has, as you saw, a very ambitious goal, and I'm pleased to announce publicly today we have achieved at the end of January 919,169,956 dollars so far.

[Applause]

Dee Metaj, the Vice President of Development, would immediately say we still have 26 percent to go [laughter] and we only have until June of 2013, so let's get at it. And that is the spirit of this campaign, because we believe it's our job to make sure we have the resources to accomplish what we need.

And what are those areas of focus? We have 4 themes in this campaign and we start first with ensuring extraordinary student success. That is the first piece of this. We need to also excel as a center for health and life science. This campus, with its health schools, with the schools of science, has an enormous responsibility. We are Indiana's health and life science campus. There is nobody else who can do this. And we better do it really, really well. And so it's an important responsibility that we have and that's why it's such a focus of the campaign. That's why we're so thankful for the work of Dean Brater and his colleagues in medicine, and our colleague John Williams in dentistry, and our colleague Augustine Agho in health and rehabilitation science, and Marion Broome in nursing. We also have to thrive as an urban campus. We are the state's urban research campus. And we have a key responsibility to be attentive to the needs of the community we are a part of. This is the population center. This is the economic center. And if we don't do well, Indiana doesn't. We have to work hard at this. It doesn't devalue anyone anywhere else. We just have to do our job and its key to what we do. Finally, we champion civic engagement, as you heard Dr. Eskew say, this is part of the tradition of this campus. This is one of our areas of greatest national recognitions on this campus. It is another of our responsibilities and it's one that we embrace and we take on.

In my remarks today, out of these 4 themes, I'm going to spend by far the most time on student success. That's not the way I usually do this. I try and be a little more equal, but I'm going to focus on that because I want you to hear the story of what has happened in the last year and the opportunities for the next couple of years that we see before us. And it's not as if we don't have challenges, because we are always honest at IUPUI. If you want to see our data on performance, we put it on the web. We've been doing the performance report for 10 years. We give ourselves red, green, and yellow lights, and I want you to know this isn't fluff, being full of green lights. We have some red lights. One of them is our graduation rate. It is up 50 percent since I came. And it's still red. It's unacceptable where we are. We have to keep driving it more. And you're going to see that's why I focus so much on student success in my remarks.

I want to take a moment. I know there are some students who study organizational communication, a topic dear to my heart. And Professor Beth Goering is here with them. And I'm going to ask those students to stand, here. You are here somewhere. I don't know where you are. Stand up. [Applause] I want also every student in the room to stand up, and I want all us to encourage them to complete their degree and be successful and stay here. Stand up, every student in the room.

[Applause]

Thank you. I do that because I want to reinforce that, when we talk about student success, these are people. They are your children. They're your grandchildren, your friends. My Vice Chancellor for External Affairs Amy Conrad Warner stood up. She is in a doctoral program in the Center on Philanthropy. I have no idea how she does this. She has a daughter, she has a family, she has a job, a demanding boss? [Laughter] That's what need to assure is success of those students. We need to do this.

We do this in a variety of ways. One, I'm going to talk about is we have a series of routes to this success. One of them is what we call enrollment shaping. We try to make sure the students who come here have a chance to succeed. We do a lot of research on who students are. We try and get them to come and give them the support that they need to succeed. And I'm going to talk about a lot of the things we're doing and more that we can do as I do that. This has been a very good counterstrategy. The Executive Vice Chancellor Uday Sukhatme, has coined this term [enrollment shaping] as part of his effort and as part of the way we think everyday about how we work at what we do.

As you heard I've set a goal, doubling, when I came. The thing I love about Hoosiers is we're so polite. Nobody told me for at least 2 years after I came here that they thought I was nuts to propose these goals. I'm serious. Not one person ever came out and said, "That was the dumbest idea I've ever heard." People thought it was so over the top to do this. Well, I said we want to double baccalaureate degrees. There were people, by the way, who heard me say, "I wanted to double the number of students of the campus," and I said, "I do not want 58,000 students." I had been on a campus with 58,000. I do not want that. I want our students who are here to succeed. It doubled the rate. And we're up 42 percent since 2002. 800 more students finished last year than when I came. We're not done. We need to keep moving this number. It is a critical thing for our contribution. And, as you've heard about the Talent Alliance, and you've heard about some of these things, we need to complete more baccalaureate degrees in Indiana. It is essential to our future that we do that.

We've decided to do this and shape how we do it, in part, by creating what we call 21st century degree programs. Now, what does that mean? That means we think interdisciplinary. We think how they will tie to the economic, cultural, and social development of Indiana. We think what will draw students in, so that they love what they're doing and they will succeed in part because of that love. So, for example, the ones in black on that screen are all in the health and life sciences. You'll notice there are a lot of those. We are committed to being at the edge of the health and life sciences and to be a national leader in that. And we've added programs to reflect that in these last years. In addition to that, the ones in blue tie in some way typically to the community. And so, on the upper right hand corner, we have a bachelor's degree in motorsports engineering. Now, does that surprise you? I was surprised we didn't have it. And we're getting incredibly talented students. The program is 2 years old and I think we have 15 states already represented and 2 foreign countries. One of my favorite students that we talk about, I met the first year she was here. She is a perfect grade point average from a small town high school. She is a drum major. She applied to one place because it had motorsports engineering. And she had trouble thinking of what she didn't like during the first year. Her mother prompted her with parking.

[Laughter]

I said, "What did you like the most?" And she said they let her get her hands on a car, and she meant taking a car apart in the first semester. And she could have gone anywhere in the state, wherever she wanted to. She had a perfect grade point. We are trying to get those students and bring them in and help them be successful and keep moving our programs.

We have to also work to make sure they're excellent programs. I mean really excellent. So Carey Lykins is up here because he is a graduate twice of our campus. He got an MBA in the part-time MBA program here in Indianapolis, long before it was called the Kelley Program. I won't tell-. Well, it says how long ago it was, so it's in there. But, the first year the Kelley part-time program could be ranked in US News, it was in the top 10. We knew it was a great program. It's nice that US News figured it out. They just didn't rank part-time programs because, frankly, they didn't pay enough attention to the role that those kinds of programs play in the cities of our country. And Carey is a great example of that kind of great talent. He stayed here and brought that talent to our community. We have numerous alums that I could site in this very room as I'm looking around. Our law school, I want you to know, is exceedingly well represented. And frankly, it's one of the reasons I'm so proud of us having an evening law degree program, because many of you in this room got your law degree because you could by going at night. And as a result, we have your talent here in our community doing an astonishing array of jobs from running banks, I saw Steve Stitle back here, through my trustee up at the front. Enormous variety of experiences.

IUPUI's enrollment shape is residents of Indiana. Ninety-five percent of our undergraduates are from here, and 82 percent of our graduate professional students are from here. We had 28,000 Indiana residents last fall. That is the largest number of any campus in a university in this state. If we don't succeed with those students, the state doesn't succeed.

It's a huge responsibility on our part, and it's a great opportunity on our part, because our alums stay here. The dark is the percentage that stay here. The point I always make about this slide is this is "living alums," all living alums. So, if one of your friends was your physician and retired to Boca Raton, and they were your physician for 40 years working right here, they're no longer a resident because they live in Boca. Or, if they picked sunny Aberdeen, South Dakota, where I'm from, they are no longer a resident. So, we probably underestimate the impact of our graduates on this state. Once again, we have a huge responsibility to help them be successful.

Next key element, key route, in what we do to have student success is that we have to have scholarship support. Our students work too much. Our students have more children than I did: 27 percent of our undergraduates have children at home. They also have family responsibilities, sometimes for parents. They have enormously complicated lives compared to some of us who are lucky enough to study and go to school when we were in college. They need financial support, and we do that in a variety of ways.

We are really pleased our colleagues at Fifth Third Bank and their foundation supported us this year with a gift to support emergency loans. It turns out, in an urban campus, one of the things you need is somebody who can just get their car fixed, or pay for food, because something happened. And this is a great opportunity. You'll see a photo up there, and our colleague [Scenario B. Adebessin] from Fifth Third is over there. Thank you for being here with us today.

We also established a number of scholarship programs with our money and gift money as well. The Bepko Scholars Program, those of you who have been here before, have heard about. This is one of the great ideas. It's not mine. It's a great idea. Support for four years undergraduate, and partial support for graduate/professional program, if you come to IUPUI schools. These students are, as Sandra and I refer, coming home after meeting them, "scary smart", fun, talented. Will Hartzell-Baird is a great example of this. He was in one of the early classes of our Bepko Scholars. He finished his degree in computer science. He is a classic techie, went on to law school. He is in the last year of law school. He wants to be a patent attorney and, of course, he's got computer science and he's got law. This is a good career choice. I encourage patent law. It's a good specialty. We have had over a hundred of these students. We have over 47 who have graduated already. They're in graduate and professional programs not only here but all over the country. These are students who turned down offers from the best, most competitive institutions in the world. I always say that. How do I know that? It's when the woman's father told me she turned down the University of Chicago. I knew I could say what I just said. Caltech, Chicago, and MIT are probably the most selective institutions in the entire world. She turned them down to come here. She is in a graduate program, I think, at Carnegie Mellon now. So, we don't keep them all, but we at least have them for four years. And most of them have stayed frankly. We've done very well.

You see Uday Sukhatme here. For those of you who don't recognize his photo, he is so photogenic over here.

[Laughter]

Uday is here because one of our great ideas in the scholarship program came out of an effort Uday has talked about. We need to recognize students who are engaged in research, in international study, and service learning, and experiential learning, and we need to give them support. And so we created an idea of a 20,000 dollar gift, which will produce an endowment of about a thousand dollars a year. And then the campus is going to match with an additional 500. So you get 1,500 dollars for students who engage in those kinds of experiences. Not only was Uday instrumental in this whole process, the RISE to the Challenge initiative, which I'll talk about in a minute but he endowed the first such scholarship in his mother's memory, who passed last year. For international study, because Uday, while he grew up in India part of the time, also grew up in Italy. One of his secrets is he speaks fluent Italian, which is useful in certain restaurants.

[Laughter]

He is a physicist, so it's probably useful as a physicist. He got him a good study gig, I bet, sometime.

I want to talk briefly about the RISE to the IUPUI Challenge because it is one of the routes. It's not just the scholarship support. It's what we're doing.

And that is, we're encouraging our students to be engaged in research. This is an example of a student working in a Down syndrome lab or being involved in international study. Here is a student at Oxford University.

Or being involved in service learning, I wanted to show this because the House of Representatives here in Indiana did a concurrent resolution thanking our students in the museum studies program for having catalogued all the public art that belonged to the House. I wanted to make sure I recognize that. We have all sorts of service learning.

And finally, experiential learning is involved. So the RISE acronym stands for students engaged in undergraduate research or international study or service learning or experiential learning. And we now recognize this on the transcript, and we ask our students to do two such experiences as an undergraduate. So, we're going to be able to demonstrate to employers that our students are different because they've had this engaged experience in their education. Now, you are asking yourself, for those of you attending to the slides, these people don't quite look like students on this one. And the answer is, these are 4 of our faculty who are recognized as translationa scholars, translating their research into practice. And they were on a panel where they were talking about that work. What was distinctive, in many ways, was that each one of them has engaged students in their work. Each and every one of them. Roger Jarjoura, who is on the left, is a faculty member in Criminal Justice Studies. He's well known for his program in mentoring people who are released from prison. But he also takes students into prison, our students, in an inside-out program where they have a joint class with prisoners. This is experiential learning. If you go down the line, Joan Haase works with the program on adolescent resilience involving he students. Similarly, Dr. Westmoreland works with geriatrics, involving students in that program. And Ali Jafari, who is here today, has always involved students in his work and involved a student named David Mills in the project for ANGEL Learning. And he had students involved in Epsilon and in establishing his new cyberlab. Each of them getting students deeply involved in their activity as they translate their research into practice. This is a key part of what we do.

It is key because it's what's known as a high impact practice. What that means is how do you get students to succeed? Certain things are more likely to impact their success more. They're high impact, such as all the RISE experiences, because they increase the likelihood of student success. And so, we're working on that, the RISE Initiative is a way to help student success.

University College has a whole series of high impact practices that are recognized for this nationally. Everything from themed learning communities to the Student African-American Brotherhood and Sisterhood. We are involved in a series of those kinds of activities.

One I want to mention, that always gets overlooked in my experience, except by my designer friends in the room, is that it matters if there is a place to have these activities that's attractive. One of the things we now know is that having places that draw people together to interact make a difference in student success.

Guess what? Beautiful places, well designed like the learning spaces on the left side up there, draw students and faculty together. We know they'll be more successful when they do that. And we want to thank Denny Sponsel, and Bob Frist, and a whole series of designers who have done Learning Spaces 1 and 2 and are about to start the Learning Space 3 project.

Similarly, our Honors College is a high impact practice. We know that you create and bring talented students together. You get them to work together. They essentially live together in the Honors College space. They interact. They interact with students and with the dean of the Honors College and the staff. They do better in this beautiful space we opened in the fall. If you haven't seen this, I want you to know you can take a really dull basement study space and make it fabulous. You need to go there. It's in the basement of the library, and you'll see it on the way down the stairs because you can peek in through the stairwell. And it's a great space. The students love it and it fits them. It probably wouldn't have fit me as a student, but it fits them and that is the high impact part of it.

Similarly, we opened, after several years of working at it, the Multicultural Success Center. And that facility in Taylor Hall brings together our student groups. There are affinity groups that also provide mentoring programs, leadership development programs, more high impact practices, and bring them together in a space.

Another group that is often overlooked on campus is our veterans. IUPUI has the most veterans of any campus. We have over a thousand veterans enrolled this spring on this campus, and about another 60 family members who are benefiting from the federal programs. We didn't have a place except a small office with Winnie [Mancil] working hard in it. And we were able to remodel some space in the garden level, that's the euphemism for the basement here, almost directly below the escalators that we dedicated this fall. It really is providing the space for a group that was underserved on our campus.

Each of these honors, multicultural success, and veterans are great examples of high impact opportunities to encourage student success. We also need to enhance campus life in a variety of ways and these interconnect obviously with these other ones.

I can't ever stop showing a photo of this building [the IUPUI Campus Center]. It's only 3 years old. Most of us can't imagine how it got done here without it. We've gone from having cars being the primary place people hung out to having this Campus Center and now honors and multicultural success. This has made a huge difference to all of us. And I want to recommend it, if you didn't take the escalator, take it down and check to your left on the way down. William Crutchfield's beautiful "Punctuation Spire." And it is punctuation, just like you know, on your keyboard. Take a look at it. It is a spectacular gift. He gave it to Herron. It had been in a shopping mall in California and they closed the mall. It's a big sculpture. You're not going to put it in your ordinary house. And so, we were fortunate to get it.

Campus housing is a key part of campus life. We are at 119 percent of capacity. We are not doubling up. We're not officially doubling up.

[Laughter]

On the right side, you will see Park Place. For those of you who know Indianapolis well, this is across the White River. It is one of those two high rises. We are renting entire floors. We put a resident assistant over there. We have shuttle buses over there. We don't have food service, but that's a challenge for us. But we have that available, and that's where we're getting the 19 percent over our capacity on campus. We have the demand for more housing. Why do I care about housing? Student success, the data, are clear. We control for everything we possibly can. If you live in a residence hall, you do better. We need to help students succeed. And that is going to be one of our next challenges. I'm looking in this campaign for a gift.

Moving on to athletics. Athletics was created on this campus because it supported student success. There were no ifs, ands, or buts. We knew that by going to Division 1, we would get better students, and we do. They perform with higher graduation rates than the student body as a whole. There are some stunningly talented students that we have. In addition, it creates campus activities. Here you see the game just last week at Conseco Auditorium, where we beat the league leading Oakland Grizzlies to death. I shouldn't say that, that's not very sports like. Okay, anyway we beat them. And we're in second place behind them, and we're looking forward to beating them in the tournament.

From student success I want to talk about health and life science. I said I would emphasize the students the most, and I'll move through these more quickly. I mentioned to someone that there is a gorgeous photo of Walter Hall, this is it. I realized I had never viewed the building from this angle. I always come from the parking garage. I walk under the sky bridge there, and go in the door, and I never had such a good look at it. I'm now going to walk over and take this look. This is the largest research building ever built by Indiana University. It's over a quarter of a million square feet. It is almost entirely wet lab space. It is the home to much of the bench work in cancer and some in neuroscience. It has been a labor of the dean and all of his friends for almost a decade because we talked about this when I came, that we needed to do this building. And it has been an important addition. You should know, the state, out of the 83 million dollar budget, put in 33. We've had gifts, we are using research indirect cost and that's the way this has gotten done. So, that is the way we get these kinds of projects done. It's really important to have a variety of support.

The big activity I think Craig [Brater] would talk about, besides maintaining and running one of the largest medical schools in the country, is the merger, or renaming, excuse me, rebranding of Clarian Health this year as IU Health, and working on the idea of integrating health science and education. And this shows the deans I mentioned earlier who are working and talking about how they can do some integration of their education. But it also emphasizes the rebranding, since you're seeing IU Health everywhere, including a great photo of Javier Sevilla, by the way, on the Clarian building at the head of the canal. This is a key change in the delivery of

healthcare in the state of Indiana. And it's bringing together all those hospitals across the state.

Another key development is the development of a school of public health. We do not have one now. This is probably supposed to be a small "s," Marie [Swanson], I apologize. But it is a plan that we have underway to develop a school from our department. It's led by Marie Swanson. But, what really gave it the kickoff was that, thanks to our colleagues at the Fairbanks Foundation, who are with us here today, Len Betley and colleagues, we received a 20-million dollar grant to help launch that. The first sign of that is that Gregory Wilson is the first Fairbanks Professor of Community Health, holding the chair that is funded by that gift. And then as the gift comes in, it will help us launch a school of public health. Indiana has bad health indicators, it has as, Marie always says, great need for public health. And this is one of our responsibilities that we've chosen to take up and invest in. Philanthropies help, but the campus has to put in some of our reallocation resources to this, and it's an important development that's going on right now.

I wanted to show this slide, although it's a little hard to read, and I apologize. But I want you to know we always talk about health and life science, and I hope everyone of you in your head immediately go MD, nurses, dentistry, physical therapy, and so forth. I hope you all go to that immediately because we need you. We need you to go to those schools. But this web page says, "What if you don't like blood?" That does remove a few career options for you in the health professions. Or what if you frankly want to do administrative work or laboratory work? What are the kinds of things you have? And if you go in this website you pick. Do you want to do direct patient care? Do you want to do laboratory work or administrative work? Do you want to do it in an undergraduate or graduate level? And you can see all the different programs we have that help prepare you for that. And frankly it's stunning.

People often don't think about all the different roles that are available in order for someone to fulfill that. On this page, for those of you who can't read it, the first one's under administrative, and this is undergraduate: health information administration, medical coding, medical sociology, medical humanities, biomedical engineering, bioengineering technology, I'll stop. We do this because we want students to see that they're options, many options, to have a health science career because every one of these careers we need. I'm a graduate of the university that invented the pacemaker. As brilliant as those cardiologists were, and they trained a bunch of those heart transplant people, they didn't know squat about materials. And right across the street, right across Washington Avenue, that I could even throw a baseball across and hit, was the chemical engineering building. The best chemical engineering department in the United States. Those people knew a lot about how to make a material you can put in the human body that's not rejected. And so the invention of Medtronic Pacemaker depended not only among those surgeons, and the physicians, and the cardiologists, somebody had to figure out the materials. Are these ones going to work? We need all of those partners. And, if we're in Indiana, and some of you in this room are standing or sitting on Warsaw produced products, you know we need people who understand making things as well as doing the healthcare direct practice. And this is a great illustration.

The other thing that underlies the health and life science, we always have to remember, is you have to know the science. You have to know the technology part. You have to know the engineering. You need to know the math of it. That's called STEM. We believe it's critical that you offer education in these areas and help people be successful. Not only on our campus, but as we train teachers who go out and work in the public schools and the private schools. And Jeff Watt is up here because he is a leading grant recipient, along with Kathy Marrs, in this area. He received 2 million dollars this year from NSF for STEM Education and, in addition, we also want to celebrate Jeff. Jeff was selected as the Indiana Professor of the year this year. And he's a mathematics faculty member.

Talking then, moving on, about IUPUI as an urban research campus, as I mentioned earlier, Randy Tobias made the point about, what if we didn't have IUPUI and all those buildings? One wonders how many would be here in the distance there. But how do we thrive as an urban research campus? The way I describe this to people is urban research means that you are focused on issues that come out of your community, but that's not all you're concerned with. So, we have people who study things that have nothing to do with Indiana. But we have people whose entire work has been generated out of some problem or issue that comes here. And that's the way they focus. It's our responsibility to help our community and to take on problems that are worldwide in their scope.

We've measured this since I've been here. Are we doubling [research funding], and as Dr. Eskew pointed out, we hit 400 million on this campus, 600 for this whole university of Indiana, Indiana University. But the 400 million is 98 percent higher than when I came. Thank you, Craig [Brater]: 340 million of that was from the School of Medicine, 60 million from the other schools. It shows how important medicine is to our success in research. But it also shows how a commitment, and being strategic, can drive this number upward. It is an important measure and we're enormously proud of the work that our faculty has done to achieve that.

Let me give you one quick example of urban research. Gabe Filippelli is a science faculty member. The punch line here is that I was told he came here as an oceanographer. [Laughter] Apparently, he studied earth in the ocean, but being an adaptive scholar, he now studies earth in urban areas, particularly focusing on lead. And so, he has worked on the problem that some of us know Indianapolis has of having had a lot of lead smelters and other lead producing and using businesses here. He combined this with Sarah Wiehe in pediatrics, who looks at blood content in children in terms of lead. And so they have done research along with the Regenstrief Institute, which many of you know is a world leader in health informatics here, based here on the campus, funded by the Regenstrief Foundation, and the Clinical Translational Sciences Institute, based on the campus led by Anantha Shekhar. A great example, medicine, in this case, of basic science looking at a serious problem and, unhappily, they have discovered that people, children who live closer to those sites, do have higher blood content of lead. That's the bad news. But you can now try and deal with that and know where remediation is needed because of that work. It's a great example of an urban focus.

Another quick one. Some of you know the Indianapolis Recorder, owned by the Mays family, thank you Rose and Bill, is one of the country's longest running African-American newspapers. Our librarian, David Lewis, who is here, made a commitment to work with them

to digitize it, to preserve it, make it accessible for all generations. It's moving along. It's supposed to be finished by April, and we're going to do a celebration of that, so you'll be able to do research online in one of those important assets of our cultural history.

Finally, in the area of urban research, I don't want to skip over the fact that we have arts and culture and humanities not only on our campus but in our community. And I want to show Terri Bourus because we hit a home run when we stole her from one of our sister institutions. Terri has just received an award as a trailblazer because she has been selected as one of the four co-editors of the new Oxford Shakespeare. They only do this like every 50 years. This is a very big deal, and as Terri described it and her co-editor described it, there have been 23 generations since Shakespeare wrote. And so now their challenge is to edit for the 23rd generation how to bring Shakespeare to a new audience. Well, that's frankly a pretty hard task. And yet, already they're at this. If you had a chance, I hope some of you saw the "Young Hamlet" presentation at the IndieFringe last week. Terri directed. She acted in it. It was a creative production of a script virtually never produced. It was an early version of Hamlet, and an amazing presentation. I was fortunate with Sandra to go see it. That is another role of an urban research.

Championing civic engagement, all of you who know me well know I could do a whole speech for a whole hour on this, and I am just going to say, I am so proud of this tradition on this campus that began with the previous chancellors like Glen [Irwin] and Maynard Hine and Jerry Bepko and their commitment to this community.

And we have sustained that through a faculty who want to be involved, and through students who get involved, so much so, that we didn't just double service learning classes, we're well beyond tripling service learning classes. And the 6,000 plus students enrolled doesn't count all the students in clinical placement from education through nursing. I mean we're everywhere in our community. And we're recognized for it. I was privileged to receive from the Washington Center an award this fall for our service learning, the same weekend colleagues went to North Carolina and received one from the Kellogg Foundation, an Award from the Association of Public and Land-Grant Universities. This is a core of what we do because it connects each of the three things I've talked about before. Health and life science cannot succeed without being engaged. You cannot educate without that engagement in those disciplines. You cannot, I believe, be successful with your students without that civic engagement. And we know we cannot succeed in this entire package without working these together through civic engagement.

So, I know we've done this frankly because we had so much help from all of you. And so I want to thank you for what you've done. I want to thank you for the support in the IMPACT Campaign, and I want to thank you for being here today.