Is Woodson coming to Purdue?

Alum and All-American returner Rod Woodson shouts to hype the crowd before the fourth quarter against Northwestern on Nov. 12 at Ross-Ade Stadium.

Source says former Purdue great is interested in head coaching position

According to a source close to Rod Woodson, the star cornerback would have an illustrious 17-year career in the league. The 11-time Pro Bowler has the third most interceptions (71) in league history. He was inducted into the Purdue Intercollegiate Athletics Hall of Fame in 2005, the Pro Football Hall of Fame in 2009 and the College Football Hall of Fame in 2010. Three weeks ago, he was honored during the halftime ceremony against Northwestern for his induction into the College Football Hall of Fame.

After he retired from the NFL, he spent a couple years as an analyst for Big Ten Network and the NFL Network. He is currently the defensive backs coach for the 9-2 Oakland Raiders.

Woodson has not directly made any appeals to the athletic department, but when he returned for his induction ceremony, he made the decision that he could be the right person to lead Purdue football back from irrelevancy.

The Hall of Fame Fav athlete Mike Babcock was a plus detail ing his vision for the football pro gram yesterday. There have been no formal communications until now, but Woodson was part of the search committee that selected the new athletic director.

If the administration considered Woodson, “he’d jump at” the opport unity, the source said.

Even if Woodson is interested in the job, there is no indication that Purdue would consider him as a candidate. There has been no recent for mation released from the athletic department regarding the coaching search.

There are some, like se nior BTN.com writer Tom Dienhart, who believe that hiring Woodson would be a big mistake. “He doesn’t have the experience to resurrect a Purdue program that is in the sorry state that it is right now,” said Dienhart. “I’m intrigued by the passion and the love for the univers ity, but it takes a heck of a lot more than that.”

Electronic smart bandage opens doors for personalized medicine

A durable skin-like bandage created by a Purdue assistant professor might revolutionize biomedical sensing and improve patient care.

Professor Chi Hwan Lee’s lab has developed a product that looks and feels like a bandage, but it’s really a thin electronic device that collects biomedical data from the person who wears it. Its electronic properties make it a smart bandage that can monitor and even treat patients suffering from a variety of conditions. Lee, who is an assistant professor of biomaterial engineering, sees many exciting applications for this technology in healthcare.

"My goal is to develop wearable biomedical devices that can solve key problems facing our society, with applications in personalized healthcare, advanced health diagnostics and smart rehabilitation," said Lee.

For now, the lab is exploring how the bandage can be used as a platform for smart drug delivery. The new bandaid product could detect the severity of disease and autonomously deliver controlled doses of drugs via the skin. This could improve many of the problems associated with drug treatments, including improper dosing and undesirable side effects.

Lee first came up with the idea for the bandage as a post-doctoral researcher at the University of Illinois, Champaign-Urbana. There, he developed biomedical skin patches that could monitor heart function and monitor patients suffering from diabetes.

He found that this technology, like other thin-film based sensors, was relatively rigid and inflexible. This is a critical problem for skin-mounted devices because the skin stretches and twists with the motion of the body. When subjected to typical strains, like the bending of the knee, these sensors are likely to crack, become dysfunctional and lose adhesion to the skin.

Lee says that he wanted to expand upon the skin patch research and make it accessible for his first generation of graduate students. The new project involved finding the right team to make sure the product can be made for a reasonable price.

"We, as a team, have worked hard to achieve this goal, leading us to create a more stretchy, sticky, and durable skin patch than ever," he said. "This never would have been achievable without that teamwork."