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นางสาว สมพร ภูதியานันต์ ได้รับปริญญาวิทยาศาสตรบัณฑิต แผนกวิชาพฤกษศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย เมื่อปี พ.ศ. ๒๕๑๑ รับราชการเป็นอาจารย์ในคณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่ ตั้งแต่ พ.ศ. ๒๕๑๑ ได้รับอนุมัติให้ลาเพื่อศึกษาต่อชั้นปริญญาโท- บัณฑิต และในระหว่างการศึกษาได้รับทุนอุดหนุนการวิจัยจากบัณฑิตวิทยาลัย จุฬาลงกรณ์ มหาวิทยาลัย.